



Board of Directors Notice of Meeting

November 12th - 10:00 a.m., Administration Office, Strathroy

Tentative Agenda

1. Chair's Remarks
2. Declaration of Pecuniary Interests
3. Minutes
4. General Manager's Report
 - (i) GM's Report
5. Chair & Conservation Ontario Report
 - (i) CO September 28, 2015 minutes
6. Business Arising from last meeting
7. Conservation Area Reports
 - (i) Conservation Lands Update
 - (ii) Campground Traffic Report
8. Water Resources Reports
 - (i) Current Watershed Conditions
 - (ii) WECI Projects
9. Biology Reports
 - (i) Lambton Shores – Healthy Lake Huron program
 - (ii) Healthy Sydenham Headwaters
 - (iii) Aquatic Inventory
 - (iv) St. Clair River Water Quality Enhancement program
 - (v) Ontario Community Environment Fund
10. Conservation Services Report
 - (i) Conservation Services Programs
11. Planning & Research Reports
 - (i) Regulations Committee Report
 - (ii) Verbal Report on Municipal Consultation on the Conservation Authority Regulation Wetland Policy
 - (iii) Municipal Drain Review
 - (iv) Monthly Planning Activity Summary Report
 - (v) St. Clair River AOC

12. Finance Reports
 - (i) Revenue & Expenditure Report
 - (ii) September - October Disbursements
 - (iii) 2016 Fees
 - (iv) Apportioning of Matching and Non-Matching general levy for 2016
 - (v) 2016 Preliminary Forecast Budget
 - (vi) Joint Health & Safety Minutes
 - (vii) 2016 Nominating Committee
 - (viii) 2016 Meeting Schedule
 - (ix) General Levy Update
13. Communications Reports
 - (i) Communications Report
 - (ii) Education Report
14. Source Protection
15. In Camera
16. New Business
17. Adjournment

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

9. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the status report dated November 2, 2015, regarding Healthy Watersheds program, including the outreach and education events held throughout the watershed.
9. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the status report dated October 29, 2015, regarding Fish Community Surveys conducted in 2015 through partnerships with Ontario Trillium Foundation and DFO.
9. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated October 29, 2015 on the recent outreach activities for the Aquatic Inventory and Education Outreach Program in our Lake Huron watersheds.
10. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated November 2, 2015 on the Conservation Services programs and projects across the watershed.
11. (i) Moved by: Seconded by:
That the Board of Directors acknowledges and concurs with the Regulations Activity Summary Reports on "Development, Interference with Wetlands & Alterations to Shorelines & Watercourses" Regulations (Ontario Regulation 171/06), for August and September, 2015.
11. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the verbal report regarding the municipal consultation on the Conservation Authority Regulation Wetland Policy and further that a written report be presented to the December meeting of the Board of Directors.
11. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges and concurs with the municipal drain August to October 2015 activity report associated with the Drainage Act and Conservation Authorities Act Protocol (DART).
11. (iv) Moved by: Seconded by:
That the Board of Directors acknowledges the St. Clair Region Conservation Authority's monthly Planning Activity Summary Reports for August and September, 2015.
11. (v) Moved by: Seconded by:
That the Board of Directors acknowledges the update dated October 28, 2015 on the St. Clair River Area of Concern.

12. (i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the revenue and expenditure report to September 30, 2015, as it relates to the budget.
12. (ii) Moved by: _____ Seconded by: _____
That the Board of Directors approves the September and October 2015 disbursements as presented in the amount of \$601,485.69.
12. (iii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges and approves the Schedule of Fees dated October 2015, for all programs and services for the year 2016.
12. (iv) Moved by: _____ Seconded by: _____
That the Board of Directors approves the apportioning of matching and non-matching general levy to member municipalities for 2016 as per Schedule A, using the Modified Current Value Assessment, values provided by the Ministry of Natural Resources in October 2015.
12. (v) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report dated November 4, 2015 on the 2016 proposed forecast budget of \$5,228,402 with a municipal general levy of \$735,920 including finalized Modified Current Value Assessment values, updates to specific projects and municipal comments received to date.
12. (vi) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the June 15, 2015 meeting minutes of Health and Safety Committee.
12. (vii) Moved by: _____ Seconded by: _____
That the 2016 Nominating Committee consisting of the following four directors representing the four districts of the Authority being Sarnia, Lambton, Chatham-Kent, and Middlesex be: _____
and further that the Nominating Committee's recommendation for the 2016 membership be presented at the Annual General Meeting.
12. (viii) Moved by: _____ Seconded by _____
That the Board of Directors approves the 2016 tentative schedule of meetings for the Board of Directors and Committees, dated October 22, 2015.
- 12.(ix) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the status report on the 2015 general levy receipts to October 27, 2015.

13. (i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the Communications Report dated October 29, 2015 including conservation awards, memorial forests, Conservation Foundation update and conservation education fundraising.
13. (ii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the Conservation Education Report, dated October 29, 2015 including education programs, conservation awards, events, community partnerships, and conferences.
14. (i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report, dated October 30, 2015, on Drinking Water Source Protection.
15. (i) Moved by: _____ Seconded by: _____
That the Board of Directors go in camera at _____ a.m. to discuss personnel issues with the General Manager and Director of Finance remaining.
- 15.(ii) Moved by: _____ Seconded by: _____
That the Board of Directors rise and report at _____ a.m.
17. Moved by: _____ Seconded by: _____
That the meeting be adjourned.

Staff Report

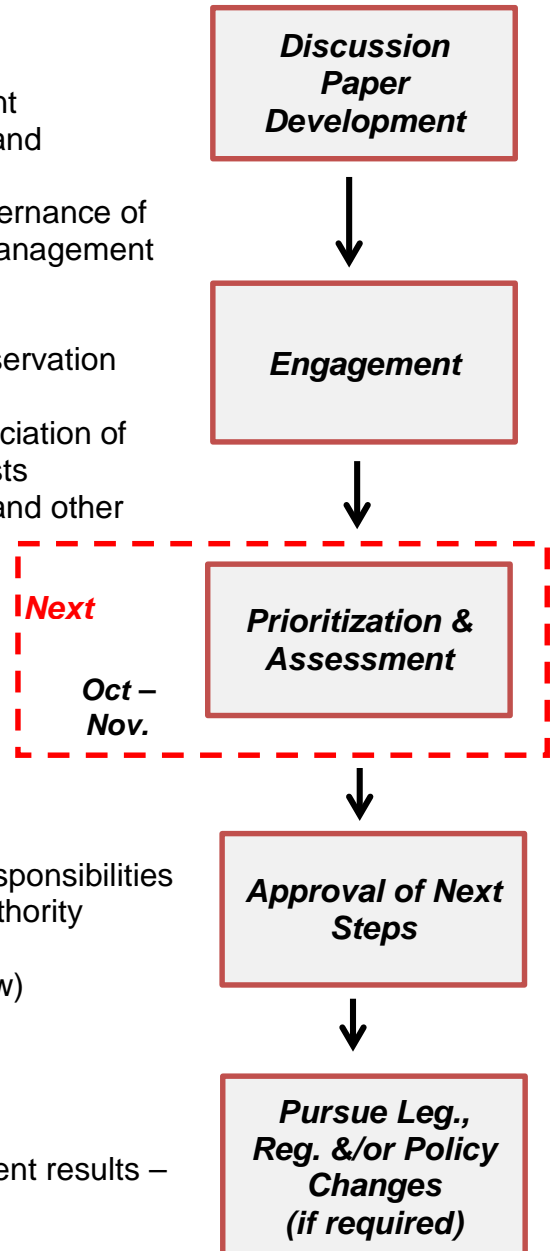
4.(i)



To: Board of Directors
Date: November 2, 2015
From: Brian McDougall, General Manager
Subject: General Manager's Report

Conservation Authorities Act Review

- ❖ Parliamentary Assistant Mandate Commitment
 - engage with ministries, municipalities and stakeholders
 - address roles, responsibilities and governance of conservation authorities in resource management and environmental protection
- ❖ Review Drivers
 - Drummond report (2012) - review conservation authorities' roles and responsibilities
 - Conservation Ontario (2012) and Association of Municipalities of Ontario (2012) requests
 - ongoing concerns from municipalities and other stakeholders
- ❖ Review Objective
 - identify opportunities to improve the existing legislative, regulatory and policy framework that governs CAs and the programs/services they deliver on behalf of the province, municipalities, and others
- ❖ Review Scope
 - governance, funding, and roles and responsibilities
 - does not include local conservation authority programs and decisions
- ❖ Engagement Sessions (detailed in table below)
 - 21 sessions
 - 10 cities
 - 200+ participants
- ❖ Final facilitator's report – early November
- ❖ Roll-up and internal report-back on engagement results – Late November
- ❖ Seek direction on next steps – December
- ❖ Conservation Ontario Conservation Authorities Act Subcommittee meeting later today to review comments received to date – a verbal report will be provided at the Board meeting



GROUP	PROGRESS			
Conservation Authorities	16 participants	16 participants	11 participants	15 participants
	CO Working Group (Aug 25)	Session 1: Southwest (Sept. 1)	Session 2: Central (Sept 4)	Session 3: Eastern (Sept. 10)
Municipalities	32 participants	7 participants	19 participants	7 participants
	Session 1: Central (Sept. 2)	AMO Task Force (Sept 4)	Session 2: Southwest (Sept.8)	Session 3: Eastern (Sept.24)
Aboriginal Communities	30 participants	TBC	TBC	
	Session 1: First Nations (Sept.23)	Session 2: First Nations (Sept. 30)	Session 3: Metis (Sept. TBD)	
Development Sector	13 participants	6 participants	TBC	
	Session 1: General (Sept 14)	Session 2: Executive (Sept. 22)	OHBA Land Develop. Committee (Oct.6)	
Agricultural Sector	8 participants	9 participants	14 participants	
	Session 1: Central-East (Sept. 3)	Session 2: Central-West (Sept. 9)	Session 3: Niagara Region (Sept. 17)	
Landowners	1			
	Session 1: General – Madoc (Sept.15)			
Environmental Sector	13 participants			
	Session 1: General - Newmarket (Sept.18)			
Multi-Stakeholder	14 participants	16 participants		
	Session 1: Thunder Bay (Sept 30)	Session 2: Sudbury (Oct 2)		
Direct Meetings				
	Ontario Federation of Anglers & Hunters (Sept.11)	Mining and Lands Commissioner (Sept.11)	Regional Planning Commissioners of Ontario (Sept.25)	

Ontario Not For Profit Corporations Act

- ❖ originally introduced in 2013 this legislation died on the floor at the call of the 2014 election
- ❖ it is intended to provide Ontario not-for-profit corporations, including charitable corporations, with a modern legal framework to meet the needs of today's not-for-profit sector. It sets out how not-for-profit corporations are created, governed and dissolved
- ❖ once it is in effect, ONCA will generally apply automatically to all Ontario not-for-profit corporations.
- ❖ Ministry of Government and Consumer Services has confirmed that the act will not be proclaimed until late 2017 or 2018
- ❖ upon proclamation not for profits corporations will have three years to meet the requirements of the act

Strategic Plan

- ❖ in 1995, the Authority approved a Watershed Strategy which established a Mission and a Vision for the Authority moving forward
- ❖ the document outlined goals, priorities and principles to guide Authority Board Members and staff
- ❖ many aspects of the document remain appropriate for today and the future
- ❖ however, some changes have occurred over the past 20 years
- ❖ as a result, staff have commenced a review of the Strategy
- ❖ subject to the review, staff will be drafting an updated strategy, as well as a consultation process that will be circulated for review at a future meeting

Succession Plan

- ❖ the Authority has entered a period of time which will see as many as 10 staff retire over a 6 year time frame
- ❖ staff are drafting an Organizational Competency Talent Pool Succession Plan
- ❖ the concise plan will focus on staff assessments to determine those who appear to be ready to advance to management positions and a training regimen that would put them in the best position to be successful in any future positions
- ❖ the draft plan will be presented to the Board at a future meeting

Maple Syrup

- ❖ for over 40 years, the Authority has hosted a maple syrup program at Campbell Conservation Area



- ❖ the program has gone through several major changes over the years
 - hosting the entire festival – pancake breakfasts and wagon rides
 - two weeks of elementary school field trips to learn about syrup making
 - and currently, the education program that is twinned with the firefighters pancake breakfast in Alvinston
 - the current program provides an opportunity to learn about multiple generations of sap collecting and syrup making as well as a chance to make and taste yummy maple treats



- ❖ each version of the program has been well received by participants and it provided us with the chance to have new visitors come and enjoy the conservation area



- ❖ however, time is catching up with the Sugar Shack as well as some of the equipment used to carry out the program
- ❖ we have a good program that is well received by those who attend
- ❖ attendance does vary from year to year with weather being the most impactful factor
- ❖ there is a small amount of revenue from the donation box at the entrance but this particular event is not a money maker for the Authority
- ❖ we have contacted the Township of Brooke-Alvinston and the Brooke-Alvinston Firefighters to confirm that local value of our program as well as to gauge the long term support for the Pancake Breakfast

- ❖ in order to have appropriate equipment to run the program and a sound structure to host the program we are requesting the Foundation's financial support of \$6,000.00 to replace, repair or improve the following:

Sugar Shack Chimney – repair - \$5000 -7000

Road and access improvements – gravel - \$1000

Sugar Shack Exterior- paint - \$500

Boiling Pans – replace - \$250

Countertop – replace - \$250

Miscellaneous – Flooring / Water Accessibility / Teaching Aides - \$1000

- ❖ the Foundation has approved \$6000 in principle to support the repairs however, staff are concerned about significant expenditures being allocated toward a two day project that traditionally costs the several thousand dollars annually



**Conservation Ontario Council
Minutes from Meeting #3/15
Monday, September 28, 2015
Black Creek Pioneer Village**

Members Present:

Dick Hibma, Chair

Mark Burnham, Vice Chair

Lin Gibson, Vice Chair

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

Glenda Rodgers, Lower Trent
Jim Campbell, Maitland Valley
Phil Beard, Maitland Valley
John Karau, Mississippi Valley
Paul Lehman, Mississippi Valley
Duncan Abbott, Mississippi Valley
Bruce Timms, Niagara Peninsula
Carmen D'Angelo, Niagara Peninsula
Carl Jorgensen, Nickel District
(Conservation Sudbury)
Brian Tayler, North Bay – Mattawa
Doug Lougheed, Nottawasaga Valley
Gail Ardiel, Nottawasaga Valley
Gayle Wood, Nottawasaga Valley
Dan Marinigh, Otonabee
Terry Murphy, Quinte
Alton Blair, Raisin Region
Sandy Crites, Raisin Region
Lyle Pederson, Rideau Valley
Sommer Casgrain-Robertson, Rideau Valley
Wayne Brohman, Saugeen
Rhonda Bateman, Sault Ste. Marie
Bill Smirle, South Nation
Steve Arnold, St. Clair Region
Brian McDougall, St. Clair Region
Maria Augimeri, Toronto and Region
Jane McKelvie, Upper Thames River

Voting Members Absent

Mattagami Region

Guests:

Lisa Burnside, Hamilton
Angela Coleman, South Nation
John Matheson, Strategycorp (part)
Amber Crawford, Strategycorp (part)
Eleanor McMahon, Parliamentary Assistant to Minister of Natural Resources (part)
John Dungavell, MNR (part)
Liz Mikel, MNR (observer - part)
TuVan Duong, MOECC (observer- part)

Staff:

Kim Gavine, General
Manager
Jane Dunning
Bonnie Fox

Chitra Gowda
Taylor Knapp
Jane Lewington
Nekeisha Mohammed

Jo-Anne Rzaeki
Rick Wilson

1. Welcome from the Chair

Chair Dick Hibma called the meeting to order and welcomed everyone in attendance. He provided highlights and expressed appreciation for the recent Biennial Tour hosted by Grand River CA and Long Point Region CA.

He introduced Nekeisha Mohammed (CO), Communications Officer.

Members were reminded to complete their 2013 and 2014 Statistical Survey.

The first weekend of the CA University took place this past weekend and all reports are that it far exceeded the expectations of the participants and the organizers were thanked.

Deb Martin-Downs (CVC) reminded members that registration is now open for the Latornell Symposium (November 17-19), the program is posted, and early bird registration ends October 13, 2015. The theme is *Weathering Change: Navigating a New Climate*. Members were encouraged to provide items for the Dream Auction which supports the grant program providing financial aid to people who would otherwise not be able to attend the conference.

2. Adoption of the Agenda

The following amendments were proposed

- The Conservation Authorities Act Review Presentation (by MNRF) rescheduled for after lunch break, with recommendation accompanying Decision Items 1 a) and b) to follow.
- Addition of Decision Item 8-11 re Division Court Decision re Gilmor et al vs Nottawasaga Valley Conservation Authority
- Consent Agenda Items: 8-6 through 8-10
- New Business – Ken Phillips (Halton) requested a new item of business

#26/15 Moved by: Bill Smirle

Seconded by: Forrest Rowden

THAT the agenda be adopted as amended.

CARRIED

3. Declaration of Conflict of Interest

There was none.

5. Approval of the Minutes of the Previous Meeting

#27/15 Moved by: Jane Mitchell

Seconded by: Mark Burnham

THAT the Minutes for the meeting #02/15, June 22, 2015 be approved as circulated.

CARRIED

6. Business Arising from the Minutes

There is none that is not addressed within the agenda package.

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

#27/15 Moved by: Mark Burnham

Seconded by: Sally Martyn

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

CARRIED

8. Committee of the Whole - Items for Decision

1) a) Conservation Authorities Act Review/Overview of Engagement Sessions and Other Connections

b) Conservation Ontario's Draft Submission on the Conservation Authorities Act – Discussion Paper (EBR# 012-4509)

Presentations made by Kim Gavine and Bonnie Fox are attached the minutes of the meeting.

Kim indicated that a Queen's Park Day is being planned in order to provide an opportunity to speak with a number of politicians in one day and to profile the good work that the Conservation Authorities (CAs) are doing. The scheduling of this Day is dependent on the results of the CA Act Review.

South Nation CA inquired about a meeting with the Rural Ontario Municipal Association. Kim indicated that they had been contacted but that ROMA was a participant on the Association of Municipalities of Ontario's Task Force and therefore we would be speaking with them through that venue.

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

Seconded by: Steve Knechtel

THAT Council direct CO staff to pursue discussions with the MNRF regarding a multi-stakeholder table

FURTHER THAT Council direct staff to organize a CA Act Review Working Group meeting to review and discuss the feedback from the engagement sessions, to re-examine CO's key priorities based on the feedback and recommend changes if required, and to identify tactics and strategies for capitalizing on our strong stakeholder relationships and that an update report be brought back to Council at their December meeting.

FURTHER THAT CO's submission to the Province be shared immediately with OFA, AMO, BILD and OHBA and then posted on CO's website for access by other key stakeholders.

CARRIED

#C.W. 16/15 Moved by: Sally Martyn

Seconded by: Forrest Rowden

THAT the DRAFT comments on “Conservation Authorities Act Review Discussion Paper” (EBR# 012-4509) be endorsed for submission to the Ministry of Natural Resources and Forestry (MNR).

CARRIED

2) Conservation Ontario’s DRAFT Comments on “Wetland Conservation in Ontario: A Discussion Paper” (EBR# 012-4464)

Bonnie’s slides are attached to the minutes and highlight the report provided with the agenda package.

Rob Messervey suggested that an amendment should be incorporated in the submission to request an amendment to the *Conservation Authorities Act* with regard to reinstating the use of ‘conservation of land’ when reviewing and considering approvals of renewable energy projects.

Carl Jorgensen (Conservation Sudbury) suggested that not all of Northern Ontario is Canadian Shield and recommended that Part 2, item d (page 54 of the agenda), remove “northern Ontario” and reference the “rest of Ontario”.

These concerns will be address in the amended submission.

#C.W. 17/15 Moved by: Forrest Rowden

Seconded by: John Vice

THAT the DRAFT comments on “Wetland Conservation in Ontario: A Discussion Paper” (EBR# 012-4464) be endorsed for submission to the Ministry of Natural and Forestry (MNR) as amended.

CARRIED

3) Final Draft CO 2016-2020 Strategic Plan

Kim provided a summary of actions to date and outlined the report provided in the agenda.

Amendments were discussed and suggested to the Strategic Plan:

#C.W. 18/15 Moved by: Lyle Peterson

Seconded by: Mark Burnham

THAT the section on Strategic Priorities (found on page 60 of the agenda) be amended to read:

***Conservation Ontario is committed to five key strategic priorities for the next five years.
(remove section on potential next costs)***

AND THAT red supporting text regarding operational costs on the following pages be removed.

CARRIED

#C.W. 19/15 Moved by: Rob Messervey

Seconded by: Jane McKelvie

(found on page 63 of the agenda):

THAT the objective “Improve quality of interactions with stakeholders including First Nations by sharing information about CA programs” be divided into 2 boxes that read:

1. Improve quality of interactions with stakeholders by sharing information about CA programs
2. Explore opportunities to further engage First Nations.

CARRIED

#C.W. 20/15 Moved by: Mark Burnham Seconded by: Jane Mitchell

THAT Council approve the Proposed Final Draft of the Conservation Ontario's 2016 – 2020 Strategic Plan, as amended.

CARRIED

4) Proposed 2016 CO Annual Workplan

Kim outlined the work plan provided in the agenda package.

Bruce Timms (NPCA) suggested a review of the constitution that could make it more necessary for board members to participate in Council meetings. Chair Hibma suggested the discussion could begin at the next General Manager's meeting, followed by peer to peer discussions.

#C.W. 21/15 Moved by: Mark Burnham Seconded by: Sally Martyn

THAT Council adopt the 2016 Proposed CO Workplan.

CARRIED

5) Proposed 2016 Operating Budget and CA Levy

#C.W. 22/15 Moved by: Don Pearson Seconded by: Steve Knechtel

THAT Council adopt the 2016 Proposed Operating Budget as presented.

THAT the general levy of \$1,171,000 be approved and apportioned in accordance with the attached schedule.

CARRIED

Consent Agenda Items:

#C.W. 23/15 Moved by: Bill Smirle Seconded by: Rob Messervey

THAT Council approve a consent agenda and endorse the recommendations accompanying Decision Items 8-6 to 8-10.

CARRIED

Carmen D'Angelo (NPCA) re WECL committee terms of reference requested that committee membership be staggered to allow for continuity of expertise. The committee chair will take that suggestion under advisement.

6) Conservation Ontario Representative to the Water and Erosion Control Infrastructure (WECI) Program Committee and Updates to the Program Guidelines and Committee Terms of Reference

THAT Sandra Mancini (South Nation Conservation) be endorsed as a Conservation Ontario representative on the Water and Erosion Control Infrastructure (WECI) Program Committee;

AND THAT the Water and Erosion Control Infrastructure Program Guidelines (revised September 2015) be endorsed for implementation.

7) Integrated Watershed Management Technical Committee (IWMTTC) and Low Impact Development

THAT CO Council endorse the attached Terms of Reference for the Integrated Watershed Management Technical Committee and

THAT CO Council endorse the Sustainable Technologies Evaluation Program (STEP) Website/Platform as an on-line hub/intranet tool for sources of important information on the above for all CAs.

8) Conservation Ontario's Comments "Bill 100 - Proposed Supporting Ontario's Trails Act, 2015" (EBR # 012-4102)

THAT the comments submitted June 26, 2015 to the Ministry of Tourism, Culture and Sport on "Bill 100 - Proposed Supporting Ontario's Trails Act, 2015" (EBR # 012-4102) be endorsed.

9) Conservation Ontario's Comments on proposed amendments to the Ontario Regulation 288/07

THAT Conservation Ontario's comments submitted to the Ministry of Environment and Climate Change on July 27, 2015 on the proposed amendments to the O. Reg. 288/07 "Source Protection Committees" be endorsed.

10) Board of Directors Meeting Minutes to be received: June 18, 2015

THAT the minutes from the Board of Directors Meeting held June 18, 2016 be received.

11) Nottawasaga Valley CA – Divisional Court Decision re Section 28 permit

Gayle Wood (NVCA) provided background to the case of Gilmor et al vs. NVCA which has resulted in the Divisional Court over turning the decision made by the Mining and Lands Commissioner.

NVCA has provided notice of motion for leave to appeal the decision. Gayle will provide members with the Divisional Court decision and Mining and Lands Commissioner decision via the CO Office.

#C.W. 24/15 Moved by: Doug Lougheed

Seconded by: Jane McKelvie

THAT Conservation Ontario be prepared to take on intervenor status in the case of Gilmor et al vs. Nottawasaga Valley Conservation Authority, pending a positive response from MNR providing financial assistance.

CARRIED

4. Conservation Authorities Act Review (Ministry of Natural Resources and Forestry)

Chair Hibma introduced introduced MPP Eleanor McMahon, Parliamentary Assistant to the Minister of Natural Resources and Forestry who provided background on the Conservation Authorities Act Review. She assured members that the government has no prescribed outcomes, nor are they looking to eliminate CAs. Further this has not been communicated by any stakeholders during the review. Instead, the intent is that this process will bolster the abilities of the CAs and to create a working environment that is conducive to cooperation, mutual respect and understanding, thus producing results that strengthen local relationships cultivating the work of CAs day to day. The feedback has been very constructive and people are pleased that the government is undertaking this review. Conservation Ontario and the 36 CAs are vital partners in this review process, rather than simply, the subject.

A period of questions and answers followed where members were encouraged to post their comments and concerns to the EBR.

Kim Gavine introduced John Dungavell (Policy Coordinator, MNRF) whose presentation on the overview of the CA Act review and the listening sessions is attached to the minutes.

9. Program Updates

1) Source Water Protection

Chitra Gowda (CO) highlighted the report provided in the agenda.

2) Marketing and Communications

Jane Lewington reported that a CA Communications meeting has been scheduled for October 19, 2015.

3) Business Development and Partnerships

There were no updates to the report that was provided in the agenda package.

4) Conservation Authority Member Services

There were no updates to the report that was provided in the agenda package.

5) Information Management (IM)

Rick Wilson (CO) highlighted the report provided.

10. Committee of the Whole – Items for Information

1) General Managers Report

A meeting has been scheduled with the Minister of Environment and Climate Change for November 4, 2015.

2) Budget Status Report (for the period ending August 31, 2015)

There were no questions or updates to the report that was provided in the agenda package.

3) Report of Dam Activities

There were no questions or updates to the report that was provided in the agenda package.

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

There were no questions or updates to the report that was provided in the agenda package.

5) Conservation Ontario Flood Management Business Case Update

Jo-Anne Rzadki (CO) thanked CA staff for the time put into the flood plain mapping assessment project which almost completes the first phase of the assessment proposed in 2013 Flood Business Case. MNRF was also thanked for financial and staff assistance. Early estimates indicate that to update/replace existing mapping at CAs the cost is approximately \$136 million.

6) Project Tracking

Page 177 – Conservation Ontario has made the presentation to the Standing Committee for the *Great Lakes Protection Act* on September 24, 2015.

7) Correspondence

- Letter from Bill Bartley, Lakehead Region CA, re: Administration Fees
- Response to Bill Bartley, Lakehead Region CA

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

#28/15 Moved by: Bill Smirle

Seconded by: Mark Burnham

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

CARRIED

12. Council Business

- **Council Adoption of Recommendations**

#29/15 Moved by: Lin Gibson

Seconded by: Ray Bennis

THAT Conservation Ontario Council adopt Committee of the Whole (C.W.) Recommendations: C.W. #16/15 to C.W. #24/15.

CARRIED

13. New Business

Conservation Areas Workshop

Ken Phillips (Halton) reminded members of the Conservation Areas Workshop being held October 28-30, 2015 at the YMCA Geneva Park in Orillia and will highlight Community Engagement.

Conservation Authorities Biennial Tour 2017

Ken Phillips (Halton) announced that Conservation Halton and Credit Valley Conservation will host the 2017 Biennial Tour.

Mining & Lands Commissioners Decisions

Members discussed the value of sending correspondence from the Chair (and CAs) to the Minister of Natural Resources and Forestry to highlight this issue and the interpretation of the Divisional Court decision. It was agreed that seeking legal advice would be wise before beginning such a letter writing campaign.

Mark Burnham (Mississippi Valley) suggested that the divisional court decision is now the standard of the law which therefore affects CA regulation. It would be good as a collective to get a legal opinion as to what part of our regulation are still in effect and which are not. K. Gavine will work with G. Wood and NVCA's lawyer to address the above.

Bill Smirle (South Nation) requested updates to this matter be circulated via email as they are discovered.

Steve Knechtel (Catawaqui Region) recommended the first call be to MNRF - Legal who may give some direction as they were involved in developing the template for the regulations.

14. Adjourn

Moved by: Wayne Brohman

THAT the meeting be adjourned.

Staff Report

6. (i)



To: Board of Directors
Date: October 22, 2015
From: Marlene Dorrestyn
Subject: Business Arising from September 17, 2015 meeting

- create a link on our website directing people to the Environmental Registry by the Ministry of Natural Resources and Forests regarding the Conservation Authorities Act – *completed, removed after close of comment period.*

Staff Report

7.(i)



To: Board of Directors
Date: October 27, 2015
From: Kevan Baker, Director of Lands
Subject: Conservation Lands Update

Conservation Areas:

Camping Statistics:

- 425 seasonal campers have registered in our 3 campgrounds, up from 419 in 2014. 193 seasonal campers are registered at Warwick (188 in 2014), 123 at LC Henderson (123 in 2014) and 109 at A.W. Campbell (108 in 2014).
- our 3 regional campgrounds have been busy this year, gross revenues to the end of September are \$ 1,068,000 (up 6 %), with net revenues up 7 %.

Warwick Conservation Area:

- the new entrance roadway was completed prior to the start of the camping season
- a butterfly meadow was established on the old access roadway, funds to complete this project were donated by a seasonal camper
- new security gates to be installed on the entrance roadway
- 11 existing 15 amp campsites have been upgraded to 30 amp
- the pool washroom and pump house has been resided with steel
- 2 chainsaw carvings have been completed (Camper Association donation)
- 200 meters of new trail have been developed and surfaced with chip and dust
- 20 hardwood trees have been planted
- 20 acres of agricultural land was tendered and a 5 year lease was signed with the previous tenant (matched accepted offer)



L.C. Henderson Conservation Area:

- 15 new picnic tables have been purchased & distributed
- upgrades have been completed to the WIFI system
- the main pavilion roof has been replaced with steel
- 2 new basketball standards have been installed (Foundation bingo)
- erosion protection works have been completed on the two weirs; this included additional rip rap and surfacing material
- the campers memorial deck and garden has been constructed- plaques will be installed along the upper railing facing in the memory of seasonal campers
- 15 memorial trees have been planted
- 45 acres of agricultural land was tendered and a 5 year lease was signed with a new tenant (previous tenant moved away from the area)



A.W. Campbell Conservation Area:

- a new 200 amp hydro panel has been installed at the pool washroom building
- 4 new entrance gates have been installed & landscaping improvements have been completed at the main gate
- 2 new portable washrooms have been purchased and assembled (Foundation bingo)
- a number of improvements have been completed to the existing mini golf course, these include new carpet, landscaping and the installation of obstacles on a few of the holes
- Conservation Area signage has been upgraded on Nauvoo Road at Shiloh Line
- 87 acres of agricultural land was tendered and a 5 year lease was signed with the previous tenant (matched accepted offer)



Other Conservation Areas:

- new property identification signs have been installed at Crothers Conservation Area and the Sinclair Property

- Wawanosh- new security gates to be installed

- C.J. McEwen – a number of dead or dangerous poplar trees have been removed

- Highland Glen – a number of dead and dangerous ash trees have been removed; indicator posts have

been installed to better identify the entrance to the boat ramp; a local welding company has been contracted to provide an estimate to install additional boat ramp walkways

- Strathroy Conservation Area – 2 trail benches and 330 metres of trail have been installed; 6 new board walk sections have been added along the trail system; the entrance roadway has been upgraded with 2 new culverts and erosion protection (Municipality of Strathroy-Caradoc)
- Clark Wright – new security gates have been installed
- 6 accessible picnic tables have been installed at 6 different conservation areas (Foundation)
- Grass Cutting contracts - 14 authority (conservation areas) and Foundation owned properties will be tendered out to the private sector for grass cutting services; contracts are for a 3 year period



McKeough Upstream Lands:

- Property 38 – a large wetland with a series of ponds has been completed, final grading of the ponds occurred this month
- approximately 5.2 acres of grass buffer strips have been planted along drains and natural water courses throughout the McKeough Upstream Lands
- over 1,100 acres of agriculture land (pasture, hay and cash crop) has been tendered; the majority of the previous tenants have matched the accepted offers and have been sent their 5 year lease.
- a looped trail has been developed at the Moore Wildlife Management Area

Foundation Lands:

Harrison Woodlot:

- a new property identification sign has been installed

Sinclair Property:

- a new property identification sign has been installed
- a new 5 year agricultural lease to be negotiated with Rural Lambton Stewardship Network

Gawne Property:

- 50 acres of agricultural land was tendered and a 5 year lease will be prepared with a new tenant

Keith McLean Conservation Lands:

- a 50 x 65 ft gravel parking lot has been constructed
- 2 access gates have been installed at the Rose Beach Line entrance
- A trail loop has been developed
- A new floor has been installed in one of the drainage system pump houses

Lambton County Lands:

Lambton County Heritage Forest:

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

Marthaville:

- Staff regularly inspect and perform maintenance which includes trail and parking lot maintenance
- Phragmites around the ponds was sprayed with herbicide this fall (Conservation Services)

Bowes Creek:

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

Perch Creek:

- Staff regularly inspect and perform maintenance
- Existing trails are being cut by a local grass contractor
- A new trail loop to be developed this fall

Staff Report

7.(ii)



To: Board of Directors
Date: October 26, 2015, 2015
From: Kevan Baker, Director of Lands
Subject: Campground Traffic Report

Backgrounds:

- the County of Lambton traffic department installed a traffic monitoring recorder at each of our Conservation Area campgrounds for a 2 week period from Wednesday, July 22nd to Wednesday, August 5th , 2015
- the recorders were placed on the main entrance roadways and counted the number of vehicles entering and leaving the Conservation Area
- the purpose was to determine the number of vehicles and peak periods when vehicles are entering and leaving our campgrounds

Results:

L.C. Henderson Conservation Area (Enniskillen):

- Henderson has 145 campsites and 123 seasonal campers
- total number of vehicles for the 2 week period was 6670
- an average of 476 vehicles per day
- highest daily total was 606 vehicles (Saturday, August 1st)
- highest hourly total was 63 vehicles (Saturday, August 1st)
- highest hourly averages occurred between 11 am to 12 pm and 2 to 3 pm

A.W. Campbell Conservation Area (Brooke-Alvinston):

- Campbell has 145 campsites and 109 seasonal campers
- total number of vehicles for the 2 week period was 6021
- an average of 430 vehicles per day
- highest daily total was 665 (Friday, July 31)
- highest hourly total was 83 vehicles (Friday, July 31)
- highest hourly averages occurred between 10 to 11 am and 5 to 6 pm

Warwick Conservation Area (Warwick):

- Warwick has 235 campsites and 193 seasonal campers
- total number of vehicles for the 2 week period was 6608
- an average of 472 vehicles per day
- highest daily total was 679 (Saturday, August 1)
- highest hourly total was 93 vehicles (Saturday, July 26)
- highest hourly averages occurred between 11 am and 1 pm

Board Report

To: SCRCA Board of Directors
Date: October 27, 2015
From: Steve Clark, Water Resources Specialist
Subject: Current Watershed and Lake Levels

8.(i)



Precipitation and Streamflow Conditions

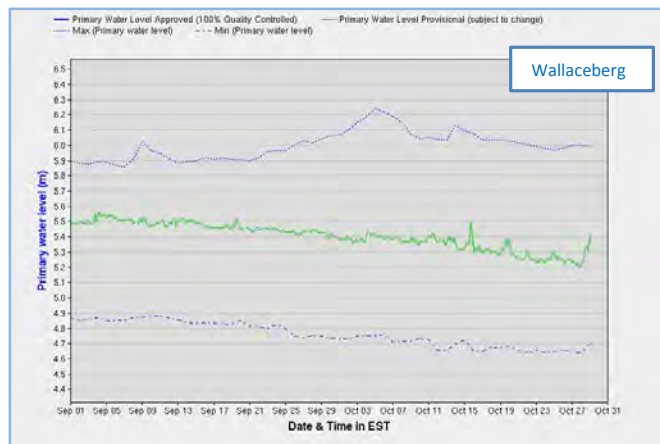
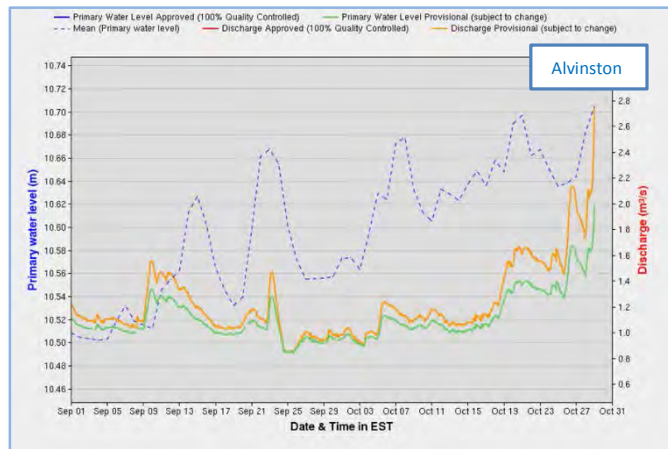
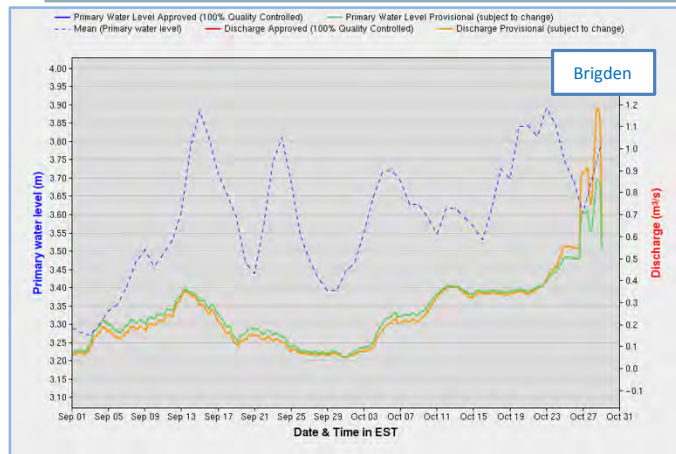
➤ Watershed hydrometric station level and flow comparisons (fig 1) have remained below the daily average (blue dotted line) throughout September due to reduced precipitation. Only one rain event was noted in the second week of the month and all levels remained seasonally low into the month following the summer period.

➤ Levels responded to several rain events in October gradually rising to a peak near the end of the month as a result of the remnants of a tropical depression bringing significant rainfall to the region in the last week of the month.

➤ River levels and discharge increased to values closer to seasonal normal by the end of October resulting from this storm of depositing 35mm – 45mm of rain much of which was absorbed by dry ground conditions due to a relatively dry September. In addition, the overall impact on watercourses was reduced due to the extended duration of the event over a 12 to 18 hour period

➤ As of this report, seasonal flow conditions have returned to anticipated average levels across much of the watershed.

Fig 1. Station Level Comparison September/October – (WSC)



East Branch at Dresden – October 2015



Precipitation

Notably September was a dry month with only **37%** of normal in Strathroy and only slightly higher values for Sarnia (**52%**). October numbers remained low until the end of the month and finished above the monthly average at most locations. Regionally the three month figures remained low at **87.2%** while the six month period showed improvement mostly due to a very wet period in June of this year. Averages however for the last twelve month period are low at **81%** making this an unusually dry year.

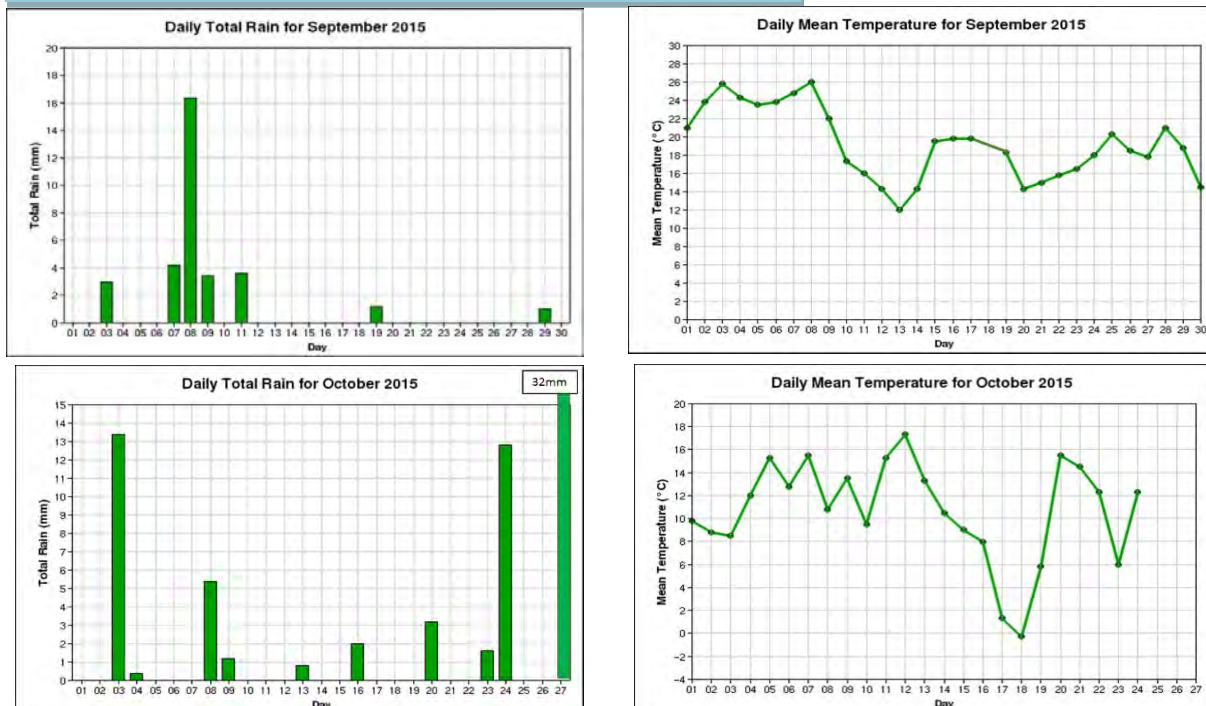
Monthly % Normal	Sarnia	Strathroy	London	Windsor
September	52%	37%	64%	86%
October	110%	125%	92%	123%

Precipitation (mm)	Sarnia		Strathroy		London		Windsor	
	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
Last Quarter								
October	72.3	66	88.7	70.8	71.3	77.6	79.8	64.9
September	48.9	94	32.8	89.8	63	97.7	82.7	96.2
August	88.9	77.1	66	82.1	37.9	85.3	118.8	79.7
Averages								
last 3 month totals	210.1	237.1	187.5	242.7	172.2	260.6	281.3	240.8
last 3 month % of normal	88.6%		77.3%		66.1%		116.8%	
regional average	87.2%							
Averages								
last 6 month totals	445	466.6	505.7	462.9	467.3	512.5	576.3	493.2
last 6 month % of normal	95.4%		109.2%		91.2%		116.8%	
regional average	103.2%							
Averages								
last 12 month totals	611.6	846.8	790.3	945.1	749.8	987	848.7	918.4
last 12 month % of normal	72.2%		83.6%		76.0%		92.4%	
regional average	81.1%							

Flood Threat

There have been no flood bulletins reported in the St. Clair region during the fall period with levels remaining in the normal range. The extensive rain event at the end of October was closely monitored and did not result in any major flood concerns. Watercourses are expected to continue to accommodate additional rain events as we

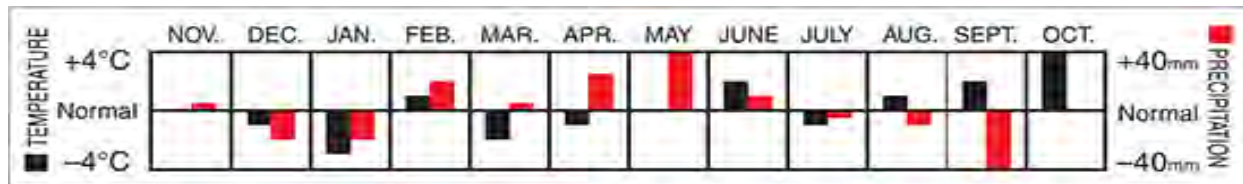
Fig 2. Precipitation and temperature conditions – September/ October



move into the winter season. As always, conditions will be monitored and significant changes in rainfall patterns and advisories will be provided as conditions dictate.

Weather Forecast (Data: Weather Network, Environment Can)

November	<ul style="list-style-type: none"> Average temperatures (1°C) with above average precipitation
Winter	<ul style="list-style-type: none"> Above normal temperatures with below normal precipitation are expected with increased snowfall in late November



Great Lakes Levels (Canadian Hydrometric – August 2015)

The monthly comparison for August 2015 (current available data) indicate that levels continue to improve significantly compared to the 2014 levels for Lake Huron with the August reported level of **176.72m**, an increase of **24cm** when compared with the same month last year and **52cm** higher than the average for the last 10 years. The Lake Huron value is also **17cm** higher than the average for the entire Period of Record. This trend continues to impact on shorelines by reducing the extent of many beaches and resulting in additional erosion to adjacent dune areas. Visual observations for October continue to indicate high water conditions. Updates to hydrometric data will be included in future reports.

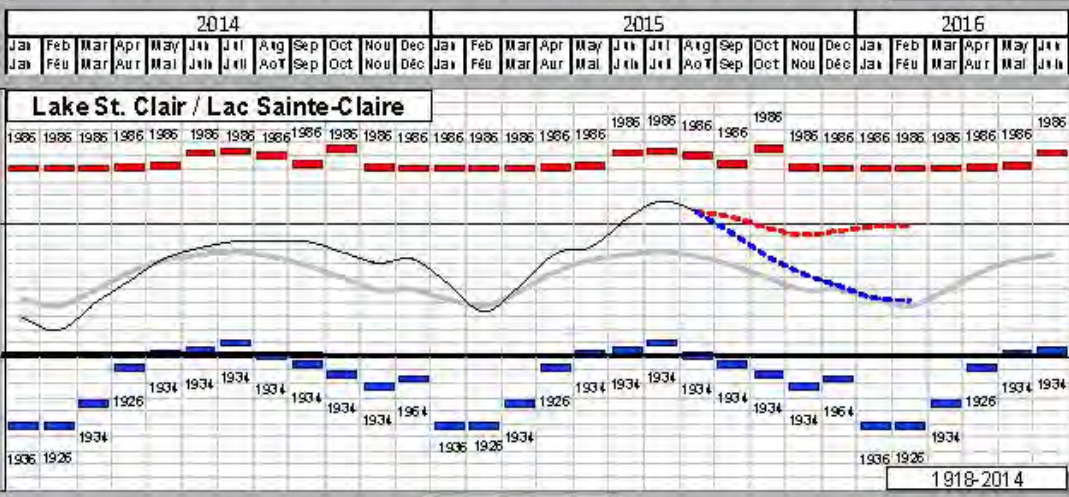
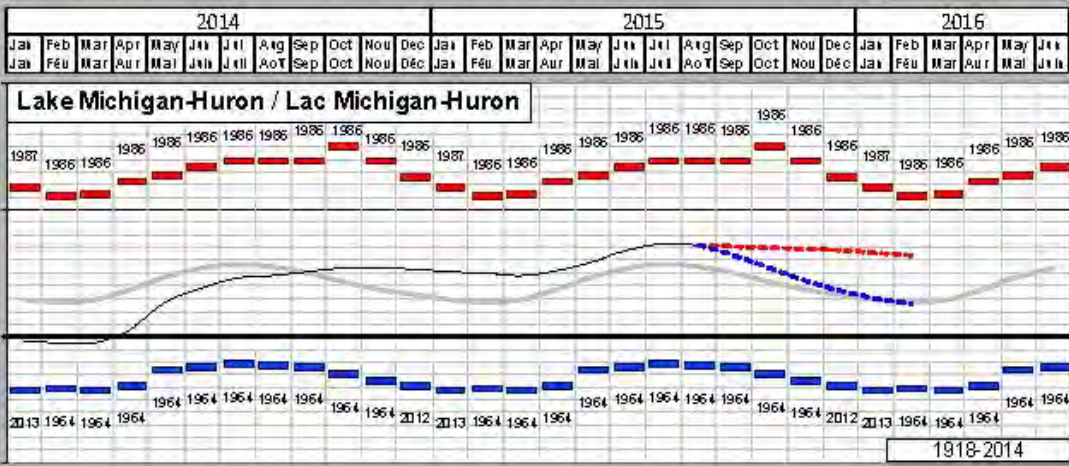
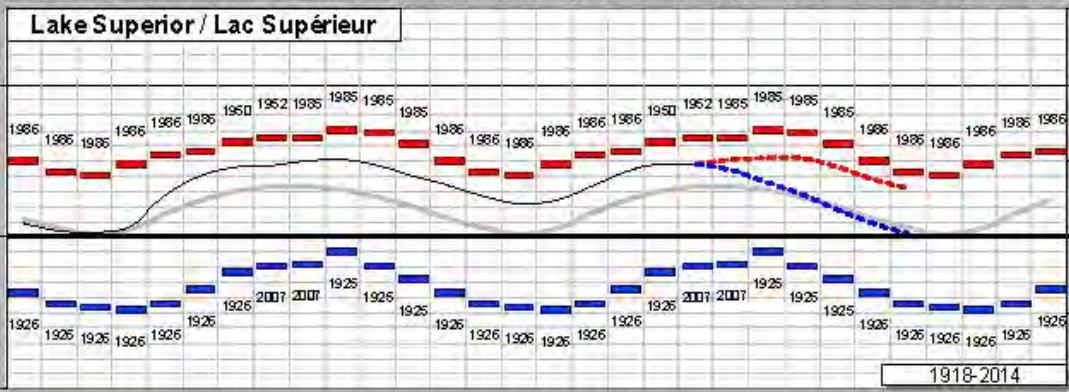
Units	Current Monthly Level	Monthly Level Last Year	Change 2014/2015	Current Month Avg for Last 10 Years	Change Current compared to 10 year	Anticipated Next Month	Average for Period of Record (96 years)
<u>Lake St. Clair</u>							
Metric (m)	175.48	175.27	0.21	175.05	0.43	175.38	175.15
Imperial (ft)	575.72	575.03	0.69	574.31	1.41	575.39	574.64
<u>Lake Huron</u>							
Metric (m)	176.72	176.48	0.24	176.2	0.52	176.68	176.55
Imperial (ft)	579.79	579.00	0.79	578.08	1.71	579.66	579.23

August 2015 Août

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

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

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



Recorded Monthly Mean Level / Niveaux moyens mensuels enregistrés

Probable Range of Future Levels / Prévisions pour les mois à venir

Staff Report

To: Board of Directors
 Date: October 30, 2015
 From: Girish Sankar, Manager of Water Resources
 Subject: Water & Erosion Control Infrastructure (WECI) Projects

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

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

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

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

McKeough Dam – Grape Run drain culvert Replacement



- culverts along the floodway are showing signs of deterioration
- sink holes formed due to failing couplers that connect 2 pipe/culvert sections
- a request for quotation was developed, in July 2015 to obtain potential costs to excavate and replace twin culverts of the culvert measuring 34 meters.
- Conservation Authority staff priced the cost of culvert replacement as well as requested quotes from local excavation contractors to complete the work
- McKeough Floodway staff recommended the project be awarded to B F Environmental at a cost of \$ 9715 + HST
- repair work was completed end of September 2015

Staff Report

9.(i)



To: Board of Directors
Date: November 2, 2015
From: Jessica Van Zwol, Healthy Watershed Specialist
Subject: Healthy Watersheds Program

The last few months have been full of events! It's been wonderful to see so many local landowners interested in learning about best management practices and volunteering.

September 19th – **Great Canadian Shoreline Cleanup** at Centre Ipperwash beach. 14 volunteers came out and we collected 50 pounds of garbage! The cleanup efforts made it into 2 local papers.



September 23rd – **Lambton Shores Stewardship Bus Tour**. We had 8 landowners come on the tour and hear about how to maintain soil health, no till practices, aggregate stability, and how to use cover crops. Speakers were champion landowners as well as representatives from Ontario Ministry of Agriculture, Food, and Rural Affairs. Farmers learned about a local project called “Soil Your Undies” in which, farmers were asked to bury clean (unused!) cotton underwear for two months and then dig them up two months later. Depending on the cropping practice, there were varying amounts of shredded cotton left! Outcome: better cropping practices and proper rotations with a cover crop yield the greatest soil biota.





September 25-27th – **Forest Fall Fair**. Staff met lots of children and families and have 6 landowners to follow up with regarding tree planting projects.

September 26 – **Strathroy TD Tree Day**. Volunteers, including the mayor came out to plant 150 trees. We had nearly 35 volunteers on a beautiful sunny day planting native trees in Centennial Park.



October 24 – **Sarnia TD Tree Day**. We had around 50 volunteers despite pouring rain! The mayor came to offer his thanks to the volunteers and then they were off planting 300 native trees in two hours. It was muddy, wet work, but our volunteers were smiling and just kept planting!



October 29th - **Lambton Shores Tour** for the Healthy Lake Huron South East Shores working group. Representatives from Environment Canada, Ontario Ministry of Environment and Climate Change, Ontario Ministry of Agriculture, Food, and Rural Affairs, Saugeen Valley CA, Maitland Valley CA, Ausable Bayfield CA, and Lake Huron Centre for Coastal Conservation stopped at the retired Forest Sewage Lagoons to see the restoration work, Kettle and Stony Point to see the *Phragmites* control work and the kettle concretions, and a final stop at one of our champion landowner's farms to learn about the innovative work rural landowners are implementing to prevent erosion and improve soil health.



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

Staff Report

9(ii)



To: Board of Directors
Date: October 29th, 2015
From: Greg Wilcox, Assistant Biological Technician
Subject: Fish Community Surveys

Fish Community Surveys

With support from programs such as the Ontario Trillium Foundation (OTF) and the Department of Fisheries and Oceans (DFO), the SCRCA staff have been able to complete fish community surveys throughout watersheds. Survey work for OTF took place in the Lake Huron tributaries while DFO work took place throughout SCRCA.

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

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

Using this database, here are some interesting stats from 2015 sampling:

- approximately 4000 fish were examined (weighed, identified, and in some cases measured for length).
- 15 sites were sampled in 10 sub watersheds including St. Clair River Tributaries, Lake St. Clair Tributaries, Sydenham Headwaters, Middle East Sydenham, Lower East Sydenham, Bear Creek Headwaters, Lower Bear Creek, Black Creek, Cow & Perch Creek, and Plympton Shoreline Tributaries.
- close to 40 different fish species were identified in these locations combined. There are approximately 160 freshwater fish species in Ontario with the Sydenham being home to at least 82 of these species.

Three watercourses sampled had Blackstripe Topminnow, a fish rare for Canada found only in the Sydenham catchment, was located in Booth Creek, Bourne Drain, and Longs Creek Drain. Following are some photos of species caught at the three watercourses.

Booth Creek:



White Crappie (left) and Blackstripe Topminnow (right).



Tadpole Madtom (left) and Kelli Smith setting a block net.

Bourne Drain:



Jessica Van Zwol & Erin Carroll electrofishing

Longs Creek Drain:



1 of 56 Blackstripe Topminnow at this site (left); Northern Pike (right).

For the Trillium Foundation grant, nine Lake Huron Tributary sites were surveyed in 2015. Watercourses included Waddell Creek, Hickory Creek Drain, Kernohan O'Donnell Drain, McIntyre Drain, McKinley Drain, Perch Creek, Cow Creek, and two sites on Pulse Creek Drain. The purpose of the Healthy Lake Huron Aquatic Inventory is to improve knowledge of aquatic resources in the study area which includes Cow and Perch Creeks, Plympton Shoreline Tributaries and Lambton Shores Tributaries within the St. Clair Region. A better understanding of aquatic resources will provide resource managers, watershed residents, and the general public with the information needed to protect, restore and improve these natural resources within our watersheds. Below are specimens found at 2 of the Lake Huron tributary sites.

Waddell Creek:



Rainbow darter (left); brook stickleback (right).

Hickory Creek Drain:



A creek chub eating another fish (left) and a wood frog at creek edge (right).

Staff Report

9(iii)



To: Board of Directors
Date: October 29, 2015
From: Kelli Smith, Biological Technician
Subject: Aquatic Education Programs

Hillside Public School

Grades 3/4 and 4/5 students from the Hillside School at Kettle and Stony Point were educated on aquatic bugs, fish, and their environmental significance on October 14, 2015. The day consisted of an in-class portion where SCRCA staff delivered material on life cycles and biology of these species and why Kettle and Stony Point is so unique with regards to species at risk. Afterward the classes were led down, one at a time, to Shashawandah Creek where they were able to capture aquatic bugs and check minnow traps.



Figure 1 Excited students capture aquatic insects and minnows

A second education day took place on October 28, 2015, at Hillside School. This day was an indoor day as weather conditions were not suitable to being outside. Students from both classes participated in a survival game in which some students played species at risk animals seeking food, water and habitat while trying to avoid the “nasties” or threats that would work against the animal’s survival. The students really enjoyed the game and were able to learn how species at risk animals face obstacles when they are trying to survive, from losing habitat and fighting threats like poaching, pesticides and invasive species. Following our game the students created clay turtles and heard a story of a Blanding’s turtle with an important message regarding protecting habitat and keeping mother earth clean and healthy. Overall the students were quite enthusiastic and asked if we would come back soon!

North Lambton Secondary School

On October 21, 2015 SCRCA staff conducted an aquatic inventory program for Grade 12 Biology students at North Lambton Secondary School. The students were first educated on species at risk reptiles in the area and how good water quality and ecosystem health is important to support species at risk. Following the quick introduction students were led down to Hickory Creek where it runs along the high school track. While there students learned the steps and methods for conducting aquatic inventories.

A water quality probe was used to show how we can attain a snapshot of watercourse health. Students learned of the importance of conductivity, pH, temperature, and dissolved oxygen. From the bank students then assessed the stream characteristics. They noted factors influencing stream health such as siltation, erosion, barriers to fish movement, and riparian area to name a few.

Finally the students were able to enter the creek and perform their own assessment, while working in groups, using the benthic macroinvertebrates and their tolerance values. It was determined that the creek was not as healthy as it could be and therefore more is needed to be done to improve and clean the Hickory Creek. Both the students and the teacher thoroughly enjoyed the program and once again we were asked to come back for future programs.



Figure 2&3 Left: Students identify benthic species and assign tolerance values. Bottom: Melissa Gill provides an explanation of the importance of benthics and how they are good indicators of water quality health



Staff Report

10.(i)



To: Board of Directors
Date: November 2, 2015
From: Steve Shaw, Conservation Services Department
Subject: Conservation Services Report

Tree Planting Program

- staff are busy preparing for the 2016 spring tree planting program
- interested landowners are being called and site visit appointments are well underway
- all projects that meet the program criteria are planned for project review on November 24th for funding approval under one or more of the grant programs that SCRCA has available for financial incentive.
- 2016 tree allocations and prices from the supplying nurseries is expected to be finalize before the end of the month.
- more than \$130,000 in grants have been secured through several individual tree planting and habitat improvement programs and will be used to offset landowner project expenses.
- approximately 55,000 trees are expected to be subsidized though the SCRCA next spring.
- Forests Ontario provided SCRCA with \$51,000 in grant this year which was used to offset some of the costs of tree planting expenses on private lands.

Seed Collection Program

- this year's tree seed collection was very successful with approximately 10 bushels of oak and hickory seed collected and another 10 bushels of walnut seed collected and shipped to our supplying tree nursery.
- deciduous trees are a major component of the SCRCA planting program and future seedling stock from the tree nursery is directly related to the tree seed collected and ship annually.
- all tree seed collected by SCRCA staff is completed in the Southwest tree seed zone and is grown by Somerville Nursery near Alliston, ON. Since demand for deciduous trees is higher than what is available from tree nurseries, first choice for next year's deciduous trees is normally given to the agency that collected that particular tree seed. This also ensures that trees planted by SCRCA in the future will be from genetically local tree stock.



Vegetation Management Program

Fall herbicide application for vegetation control on 2012 to 2015 tree planting sites started the first week of November and will end after the first heavy frost.

- approximately 200,000 trees require follow up fall herbicide this fall
- Warmer fall weather over the past several years has delayed the program due to deciduous trees holding on to their leaves longer than normal
- approximately 15 km of municipal brush spraying was completed this summer for the municipality of Southwest Middlesex. Regrowth of woody brush from the previous year's drain clean out is treated with a herbicide to prevent re-establishment.

Stewardship funding

- this is the final year of a 3 year stewardship grant under the Ministry of Natural Resources and Forestry's Species at Risk program
- a new application was completed for another 3 years and sent to MNRF on the October 21st due date
- Great Lakes Guardian Community Fund report has been completed to sent to the OMAFRA on Oct 30th. This was grant money for the phragmites control work in Lambton Shores. A new application for 2016 funding was submitted on Oct 23rd.
- Ministry of Natural Resources and Forestry has verbally committed to another \$10,000 in C.O.A grant dollars for 2016 funding for the same phragmites projects.



September 30, 2015

TO: SCRCA Chair and Board of Directors

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

FROM: Dallas Cundick, Environmental Planner / Regulations Officer

A summary of staff activity related to the Conservation Authority's *Development, Interference of Wetlands and Alterations to Shorelines and Watercourses Regulation* (Ontario Regulation 171/06 under Ontario Regulation 97/04) is presented below. This report covers the period from August 1, 2015 to September 30, 2015.

August 1, 2015 to August 31, 2015

FA #	Applicant and Subject Property	Permit Required to:	Section 28 of the Conservation Authority's Act "Development, Interference with Wetlands and Alterations to Shorelines & Watercourses" Regulation Permissions may be granted where in the opinion of the CA, the control of Flooding, Erosion, Dynamic Beach, Pollution, or the Conservation of Land will not be affected by the development.	Date Permit Issued
11002	Mr. George H. Frye Baby's Point Settlement Lot E, Concession 5 Geographic Township of Sombra Township of St. Clair County of Lambton	Baby's Point Settlement – Storm Water Management Facility	<ul style="list-style-type: none"> Proposed works should not negatively impact flood flows, velocities or elevations; Hydrology should not be negatively impacted by the proposed works; There will be no in-water works; Suitable sediment and erosion methods are to be installed prior to the commencement of construction and be maintained throughout the works; No alterations to the watercourse and/or slope are required; Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; 	Aug 4
11034	Paul Dow 4728 Riverside Drive Lot E, Concession 5 Geographic Township of Sombra	Construction of a New Single Family Dwelling	<ul style="list-style-type: none"> Minimum required flood elevations are a condition of the permit; Proposed works will not alter flow velocities or elevations; Proposed works will not increase erosion hazard; 	Aug 13

	Township of St. Clair County of Lambton		<ul style="list-style-type: none"> Proposed works maintain a suitable setback from the watercourse (as per Zoning By-law requirements); The lowest opening to dwelling will be at an elevation higher than 177.3m C.G.D.; Disturbed areas will be stabilized and vegetated upon completion 	
11044	Pollutech EnviroQuatic Limited c/o Jeff Getty, Environmental Specialist 339 LaSalle Line Lot 27 to 26, Concession 12 Geographic Township of Moore St. Clair Township County of Lambton	Installation of Conduit Line under Marsh Creek via HDD	<ul style="list-style-type: none"> Pipeline crossings of a watercourse using the directional drill method are considered minor works; Entry/Exit pits are a suitable setback from the banks of the watercourse; Appropriate generic mitigation measures have been developed, in conjunction with DFO, and will be employed to control sediment and erosion; The proposed works will have no impact on flood flows or elevations; No alterations to the slope are required; Suitable Drilling Procedures, Environmental Compliance and Restoration Prescription are in place; Disturbed areas will be reseeded and restored upon completion of the works; 	Aug 7
11045	Renee Depooter 4052 St. Clair Parkway Lot E, Concession 8 Geographic Township of Sombra Township of St. Clair County of Lambton	Reconstruction of Single Family Dwelling	<ul style="list-style-type: none"> Minimum required flood elevations are a condition of the permit; Proposed works will not alter flow velocities or elevations; Proposed works will not increase erosion hazard; Proposed works maintain a suitable setback from the watercourse; The lowest opening to dwelling will be at an elevation higher than 177.3 m C.G.D.; Disturbed areas will be stabilized and vegetated upon completion; 	Aug 7
11046	Dave Fraleigh 5160 Lakeshore Road Lot 44/45, Concession Front Geographic Township of Plympton County of Lambton	Construction of a Major Addition	<ul style="list-style-type: none"> Proposed works meet SCRCA Shoreline Policy ; Does not create greater risk to hazard/or precedent on street/reach of shoreline; Proposed addition is located 64 m from toe of the shoreline bluff (SSA is 48 m, 100 yr. RR is 6 m); Proposed works will not aggravate erosion; Works do not increase the risk to life and property; 	Aug 13

11047	<p>Enbridge Pipelines Inc. c/o Kim Stewart Lot 15, Concession 5 Geographic Township of Plympton Township of Plympton-Wyoming County of Lambton</p>	<p>Integrity Dig – Pipeline 8, MP 1755.8609</p>	<ul style="list-style-type: none"> • Verifying and repairing an existing pipeline is considered minor works; • Appropriate mitigation measures have been developed and will be employed to control sediment and erosion; • No in-water works or works within the bank of the watercourse are proposed; • Work to be completed within the appropriate fisheries timing window; • The proposed works will have no impact on flood flows or elevations; • No alterations to the slope or grade are required; • The site will be restored to its original, or better, condition upon completion of works. 	Aug 13
11048	<p>Paul & Allison Shaw 29578 St. George Street Lot 5, Concession 4 GORE Geographic Township of Camden Municipality of Chatham-Kent County of Kent</p>	<p>Construction of Sunroom Addition and Attached Garage</p>	<ul style="list-style-type: none"> • Minimum required flood elevations are a condition of the permit; • Proposed works will not alter flow velocities or elevations; • Proposed works will not increase erosion hazard; • Proposed works maintain a suitable setback from the watercourse; • Lowest opening elevation will be a minimum of 181.66 metres GSC; • The area around the buildings will be filled to a minimum of 181.66m GSC • Y.C. Liu certification that floodproofing elevations are met is required upon completion; • Proposed location is outside of the 3:1 (run:rise) stable slope gradient for the slope; • No alterations to the slope are required; • Disturbed areas will be stabilized and restored upon completion; 	Aug 31
11050	<p>Pat & Robin Belanger 5382 Leyton Street Lot 25, Concession 2 Geographic Township of Plympton County of Lambton</p>	<p>Construction of Addition</p>	<ul style="list-style-type: none"> • Addition will match existing grades and elevations of existing dwelling; • Proposed works will not alter flow velocities or elevations; • Proposed works are minor addition; • Proposed works maintain a suitable setback from the watercourse; • Excess fill will be removed offsite; 	Aug 31

- There will be no alterations to minimum lowest openings;

September 1, 2015 to September 30, 2015

FA #	Applicant and Subject Property	Permit Required to:	Section 28 of the Conservation Authority`s Act “Development, Interference with Wetlands and Alterations to Shorelines & Watercourses” Regulation Permissions may be granted where in the opinion of the CA, the control of Flooding, Erosion, Dynamic Beach, Pollution, or the Conservation of Land will not be affected by the development.	Date Permit Issued
11049	Suncor Energy Products Inc. c/o Scott Odolphy Lot C, Concession 0 Geographic Township of Sarnia County of Lambton	Relocation of East Tributary for Benzene Remedial Activities	<ul style="list-style-type: none"> • The relocated tributary is to have the same flow dimension as the existing tributary and will not impact flood elevations or flow upstream or downstream of the structure. • Appropriate sediment and erosion methods are to be installed prior to the commencement of construction and be maintained throughout the works; • Construction area will be restored to original condition and all debris will be removed off site, and; • Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works. • Works to be completed during low water level conditions; 	Sept 1
11051	Ramesh Rahalkarr & Greg Chamberlain 2841 Old Lakeshore Road Lot 5, Concession 9 Geographic Township of Sarnia County of Lambton	Construct a Carport Addition	<ul style="list-style-type: none"> • Proposed works meet SCRCA Shoreline Policy ; • Does not create greater risk to hazard/or precedent on street/reach of shoreline; • Proposed carport addition is located 30 m from top of bank of the shoreline bluff (SSA is 10.5 m, 100 yr. RR is 21 m); • Conversion of garage to new bedroom is interior renovations and almost entirely outside the regulated area; • Proposed works will not aggravate erosion; • Works do not increase the risk to life and property; 	Sept 1
11052	William McKnight 2043 Marion Ave Lot 6, Concession 9 Geographic Township of Sarnia County of Lambton	Construction of a New Single Family Dwelling	<ul style="list-style-type: none"> • Minimum required flood elevations are a condition of the permit; • Proposed works will not alter flow velocities or elevations; • Proposed works will not increase erosion hazard; • Proposed works maintain a suitable setback from the watercourse; • Lowest opening elevation will be a minimum of 181.05 metres CGD 	Sept 3

			<ul style="list-style-type: none"> • The area around the buildings will be filled to a minimum of 181.05 m for a horizontal distance of 2m; • Certification that floodproofing elevations are met is required upon completion; • Proposed location is outside of the 3:1 (run:rise) stable slope gradient for the slope; • Proposed location maintains a setback greater than 15.25m from the top of the bank of Cow Creek; • No alterations to the slope are required; • Disturbed areas will be stabilized and restored upon completion; 	
11053	<p>Liz Vandenburg & Mike McGuire 3885 St. Clair Parkway Lot D, Concession 9 Geographic Township of Sombra Township of St. Clair County of Lambton</p>	<p>Construction of Garage Addition and Covered Patio to Existing Single Family Dwelling</p>	<ul style="list-style-type: none"> • Minimum required flood elevations are a condition of the permit; • Proposed works will not alter flow velocities or elevations; • Proposed works will not increase erosion hazard; • Proposed works maintain a suitable setback from the watercourse; • Disturbed areas will be stabilized and vegetated upon completion; • Works no greater risk to flood hazard limit or ice jamming etc. than existing dwelling; • Emergency access is maintained; • No alterations to minimum lowest openings of existing dwelling are required. • Condition of Permit that works are wet passive floodproofed to 177.3m 	Sept 4
11054	<p>Union Gas Limited c/o Alicja Pagaduan Lot 20 to 22, Concession 12 Geographic Township of Moore County of Lambton</p>	<p>Install NPS 2" Natural Gas Pipeline via HDD</p>	<ul style="list-style-type: none"> • Pipeline crossings of a watercourse using the directional drilling method are considered minor works; • Entry/exit pits are a suitable setback from the banks of the watercourse; • Appropriate generic mitigation measures have been developed, in conjunction with DFO, and will be employed to control sediment and erosion; • The proposed works will have no impact on flood flows or elevations; • No alterations to the slope are required; • Suitable Drilling Procedures, Environmental Compliance, and 	Sept 8

			<p>Restoration Prescription are in place;</p> <ul style="list-style-type: none"> Disturbed areas will be reseeded upon completion of the works; 	
11055	<p>Paul Wicks 1310 Hillcrest Nisbet Drive Lot 51, Concession 9 Geographic Township of Sarnia County of Lambton</p>	<p>Construct a New Single Family Dwelling (Tear Down and Rebuild)</p>	<ul style="list-style-type: none"> Proposed works meet SCRCA Shoreline Policy The proposal will not negatively affect erosion/dynamic beach processes; Proposed works will not be negatively affected by erosion/dynamic beach processes; The proposed works will not increase the risk to life and property; Proposed works maintain a suitable setback from the top of bank, dynamic beach and flood hazard limits; Excess fill will be removed from the property; No alteration to the slopes are proposed; Works do not encroach closer than existing dwelling; Works are located outside the defined portions of dynamic beach hazard; Does not create a greater risk to hazard and/or precedent on street/reach of shoreline; 	<p>Sept 8</p>
11056	<p>Town of Plympton-Wyoming c/o Adam Sobanski, Superintendent of Public Works Lot 21, Concession 14 Lot 9, Concession Front Lot 48, Concession Front Lot 45, Concession Front Geographic Township of Plympton County of Lambton</p>	<p>Like-For-Like Replacement of Three Culverts on Egremont Road, Hillsboro Road, and Hubbard Line</p>	<ul style="list-style-type: none"> Like-for-like Replacements, no adverse impact to control of flooding and erosion; The new culvert will not significantly impact flood elevations or flow upstream or downstream of the structure. Appropriate sediment and erosion control methods are to be installed prior to the commencement of construction and be maintained throughout the works; Construction area will be restored to original condition and all debris will be removed off site; Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works. 	<p>Sept 23</p>
11057	<p>Union Gas Limited c/o Beth Ortibus Oil Heritage Road Lot 15, Concession 1 Geographic Township of Plympton County of Lambton</p>	<p>Install New NPS 4" over Stonehouse Drain via HDD</p>	<ul style="list-style-type: none"> Pipeline crossings of a watercourse using the directional drilling method are considered minor works; Entry/exit pits are a suitable setback from the banks of the watercourse; Appropriate generic mitigation measures have been developed, in conjunction with DFO, and will be employed to control sediment and erosion; 	<p>Sept 11</p>

			<ul style="list-style-type: none"> • The proposed works will have no impact on flood flows or elevations; • No alterations to the slope are required; • Suitable Drilling Procedures, Environmental Compliance, and Restoration Prescription are in place; • Disturbed areas will be reseeded upon completion of the works; 	
11058	<p>Kevin & Donna Pomeroy 507 Sandstone Street Lot 57, Concession Front Geographic Township of Moore St. Clair Township County of Lambton</p>	New Single Family Dwelling	<ul style="list-style-type: none"> • Proposal will not aggravate erosion processes; • Proposal will not be impacted by the erosion hazard; • Excess fill will be removed from the property; • Proposed works to not increase risk to life and property; • Geotechnical Slope Stability Review completed by Terraprobe Inc.; • Structural Engineering Drawings completed by Robert E. Dale; • Works located outside the Regulatory Floodplain no adverse effect to flooding; • Dwelling dry passive floodproofed; 	Sept 16
11059	<p>County of Lambton c/o Glen Millar, P.Eng Lot 15, Concession 12 Geographic Township of Sombra Township of St. Clair County of Lambton</p>	Rehabilitation of Bridge on Kimball Road over Bear Creek	<ul style="list-style-type: none"> • The rehabilitated bridge is to have the same flow dimension as the existing structure and will not impact flood elevations or flow upstream or downstream of the structure. • Appropriate sediment and erosion methods are to be installed prior to the commencement of construction and be maintained throughout the works; • Construction area will be restored to original condition and all debris will be removed off site, and; • Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works. • No in water works 	Sept 23

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

September 30, 2015

TO: SCRCA Chair and Board of Directors

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

FROM: Dallas Cundick, Environmental Planner/Regulations Officer

File	Background
<p>FV # 201501</p> <p>4664 Riverside Drive Lot E, Concession 5 Geographic Township of Sombra Township of St. Clair County of Lambton</p> <p>Notice of Violation Correspondence sent to landowner and agent via registered mail January 20, 2015, Correspondence outlined Authority Requirements to remedy the situation;</p> <p>Deadline for Action</p> <p>Statute of Limitations 2 years from date Authority made aware of violation;</p>	<ul style="list-style-type: none"> • Conducted site investigation December 18, 2014; • Unauthorized seawall construction works along the St. Clair River (inland channel) on the subject property had occurred in violation of Section 28 of the <i>Conservation Authorities Act</i>, as landowner did not receive approval to carry out these works; • Authority staff met with the landowner on December 16, and 18, 2014 and outlined Authority’s role in hazard land management and reasons for concerns with the seawall construction works; • January 20, 2015 SCRCA staff sent correspondence outlining the required restoration works to ensure that seawall construction works and restoration is completed to the satisfaction of the Authority; • January 21, 2015 landowner contacted the Authority to confirm receipt of notice of violation; • Landowner to provide written correspondence to the Authority by February 13, 2015 indicating that they will remedy the situation as outlined above, and details on how this will be completed, and the date at which they will be submitting a complete application for the works undertaken with modifications to meet SCRCA policy with proposed timeline for remediation works; <p><u>UPDATE March 31, 2015</u></p> <ul style="list-style-type: none"> • Detailed response received from the landowner on February 17, 2015; • Response reviewed in detail by staff of the SCRCA Regulations Committee on March 24, 2015; • SCRCA staff drafting response letter outlining process and requirements going forward to remedy the situation;

<p>December 18, 2014 SCRCA met on-site with landowner;</p> <p>December 18, 2016 statute of limitations expires;</p>	<p><u>UPDATE May 31, 2015</u></p> <ul style="list-style-type: none"> • SCRCA staff sent response letter outlining process and requirements going forward to remedy the situation; • At request of proponent SCRCA staff is scheduling a meeting with all parties to discuss and review remediation plan to the satisfaction of all parties involved; <p><u>UPDATE July 31, 2015</u></p> <ul style="list-style-type: none"> • June 30, 2015, SCRCA staff met on-site with property owners and contractor to discuss remediation works; • July 2, 2015, owner of 4664 Riverside Drive submitted proposal for remediation works; • July 27, 2015, owner of 4668 Riverside Drive submitted comments on proposed remediation works; • August 13, 2015, SCRCA staff sent outline of remediation works to both proponents that is required to ensure remediation to the satisfaction of the SCRCA; • SCRCA staff is currently awaiting response and sign off from both landowners; <p><u>UPDATE Sept 30, 2015</u></p> <ul style="list-style-type: none"> • Both landowners have signed off on agreed upon remediation works; • Remediation works were initiated, SCRCA staff is reviewing to ensure that remediation works are satisfactorily completed;
<p>FV # 201502</p> <p>9669 Agnes Place Ipperwash, Concession Front Geographic Township of Bosanquet Municipality of Lambton Shores County of Lambton</p> <p>Notice of Violation Correspondence sent to landowner via registered mail April 17, 2015;</p>	<ul style="list-style-type: none"> • Conducted site investigation March 19, 2015; • Unauthorized construction of two accessory structures along the Lake Huron Shoreline on the subject property had occurred in violation of Section 28 of the <i>Conservation Authorities Act</i>, as landowner did not receive approval to carry out these works; • Authority staff sent letter on April 17, 2015 and outlined Authority's role in hazard land management and reasons for concerns with the construction works; • May 2015 Authority contacted the landowner and confirm receipt of notice of violation; • SCRCA staff to send correspondence outlining the requirements to remedy the situation to the satisfaction of the Authority;

<p>Deadline for Action</p> <p>Statute of Limitations 2 years from date Authority made aware of violation;</p> <p>March 19, 2015 SCRCA completed on-site visit;</p> <p>March 19, 2017 statute of limitations expires;</p>	<p><u>UPDATE July 31, 2015</u></p> <ul style="list-style-type: none"> • SCRCA is coordinating review and response with the Municipality of Lambton Shores. Municipality believes that the structures are on the Municipality's property. Municipality is to complete on-site review and get back to the SCRCA with their action plan going forward; • SCRCA will coordinate response for action going forward with Municipality; <p><u>Update September 30, 2015</u></p> <ul style="list-style-type: none"> • Municipality responded to say that structures were not on Municipality's property and therefore they would not be pursuing further actions against landowner; • SCRCA to send follow up correspondence regarding requirements for the structures within the regulated area.
<p>FV # 201503</p> <p>Lot 11 and 12 North Pt. Lot 10, Concession 14 Geographic Township of Bosanquet Municipality of Lambton Shores County of Lambton</p> <p>Notice of Violation Correspondence sent to landowner via registered mail May 7, 2015;</p> <p>Deadline for Action</p> <p>Statute of Limitations 2 years from date Authority made aware of violation;</p> <p>April 24, 2015, SCRCA staff completed on-site investigation;</p>	<ul style="list-style-type: none"> • Conducted site investigation April 24, 2015; • Unauthorized interference with a wetland (tree removal) on the subject property had occurred in violation of Section 28 of the <i>Conservation Authorities Act</i>, as landowner did not receive approval to carry out these works; • Authority staff met with the landowner on May 12, 2015, and outlined Authority's role in hazard land management and reasons for concerns with interference with the wetland; • May 21, 2015, landowner contacted the Authority to inquire about next steps as per timeline requirements for response by the landowner sent by SCRCA; • SCRCA staff to send correspondence outlining the requirements to remedy the situation to the satisfaction of the Authority; <p><u>Update July 31, 2015</u></p> <ul style="list-style-type: none"> • July 28, 2015, SCRCA staff sent correspondence to landowner outlining SCRCA requirements to remedy the situation; • Required works to remedy the situation include immediate, short term, and long term, remediation measures; • SCRCA staff are awaiting response from the landowner; <p><u>Update September 30, 2015</u></p> <ul style="list-style-type: none"> • SCRCA received letter from the proponents lawyer Siskinds, letter dated Aug 28, 2015; • Proponent's solicitor is stating that the work undertaken on the property was "simply farm edge maintenance" and Proponent received approval from the County of Lambton's Woodland

<p>April 24, 2017 statute of limitations expires;</p>	<p>Conservation Officer prior to engaging in any work. The extent of works approved by the WCO has been discussed and the WCO is working on an agreeable compensation with the Proponent. The WCO was unaware a PSW existed within the woodland.</p> <ul style="list-style-type: none"> • In terms of the CA regulatory requirements outlined in SCRCA's remediation requirement email dated July 28, 2015 following a Notice of Violation dated May 4, 2015, the solicitor provides the following response: • In Summary; • Proponent is willing to pile removed brush and trees outside the woodlot for burning later; • Proponent did not agree to prepare the soil to replant (although (WCO) has reached some informal verbal agreement with Proponent regarding agreeable compensation). • SCRCA staff to review and respond to proponent accordingly;
<p>FV # 201504</p> <p>Lot 10 and 11, Concession 15 Geographic Township of Bosanquet Municipality of Lambton Shores County of Lambton</p> <p>Notice of Violation Correspondence sent to proponent May 7, 2015;</p> <p>Deadline for Action</p> <p>Statute of Limitations 2 years from date Authority made aware of violation;</p> <p>April 24, 2015, SCRCA staff completed on-site investigation;</p> <p>April 24, 2017 statute of limitations expires;</p>	<ul style="list-style-type: none"> • Conducted site investigation April 24, 2015; • Unauthorized interference with a wetland (tree removal) on the subject property had occurred in violation of Section 28 of the <i>Conservation Authorities Act</i>, as interference activities have been undertaken contrary to the conditions stipulated in a permit by the Authority; • Authority staff met with the proponent on-site April 24, 2015, and at the SCRCA on May 20, 2015, and outlined Authority's role in hazard land management and reasons for concerns with interference with the wetland; • In order to complete appropriate remedial measures to ensure compliance, and restoration of the sites to original condition or better where woodlot/tree removal was completed within and adjacent to the wetland, causing interference to the wetland, the SCRCA required that a qualified professional complete review of the woodlot/tree removal works, complete an impact assessment, and recommend remedial/restoration measures; • Tuesday June 9, 2015 the SCRCA received Remediation Plan for Areas of Vegetation Removal; • SCRCA staff to review remediation plan in detail and provide response to proponent outlining the requirements to remedy the situation to the satisfaction of the Authority; <p><u>Update July 31, 2015</u></p> <ul style="list-style-type: none"> • June 22, 2015, SCRCA staff sent correspondence that the SCRCA does not have any concerns with proponent implementing the "immediate" remediation measures as outlined in the Remediation Plan while the remaining components of the plan are under review by the SCRCA; • July 6, 2015, SCRCA staff sent correspondence in regard to remediation plan outlining that the SCRCA is in agreement with the Immediate Remediation Measures Recommendations, Short-

	<p>Term Remediation Measures Recommendations, and Long-Term Remediation measures Recommendations;</p> <ul style="list-style-type: none">• SCRCA staff required that the proponent proceed with completion of the proposed remediation planting plan and monitoring plan and submit to the SCRCA for review. <p><u>Update September 30, 2015</u></p> <ul style="list-style-type: none">• Immediate Measures Status report submitted;• Outlined that immediate remediation measures have been appropriately implemented at the site and recommend that attention is now turned to the medium term measures;• Proponent to prepare draft planting plan and submit to SCRCA;
--	---

Recommended and approved by:

Dallas Cundick, Environmental Planner/Regulations Officer

Melissa Deisley, Regulations Officer

Patty Hayman, Director of Planning

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

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

SCRCA DART Files				2015 August	
FHR #	Municipality	Geographic Township	Drain Name	Project Description	SCRs Issued
2570	Dawn-Euphemia	Dawn	Sanderson Drain	Culvert replacement	1
2563	Enniskillen	Enniskillen	Black Creek Drain	Brushing bank slope, brushing top of bank	2
2564	Enniskillen	Enniskillen	Miller Drain	Culvert replacement, bottom cleanout plus one bank slope	2
2565	Enniskillen	Enniskillen	Simpson Drain	Brushing bank slope, brushing top of bank, bottom cleanout	3
2566	Enniskillen	Enniskillen	Oke Drain	Brushing bank slope, brushing top of bank, bottom cleanout	3
2567	Lambton Shores	Bosanquet	Sloan Russell Drain	Full cleanout	1
2568	Lambton Shores	Bosanquet	Manning Drain	Full cleanout	1
2569	Lambton Shores	Bosanquet	Beith Creek	Full Cleanout	1
2571	St. Clair	Sombra	Hayne Drain	Bottom cleanout, brushing bank slope	2

SCRCA DART Files

FHR #	Municipality	Geographic Township	Drain Name	Project Description	SCRs Issued
2573	Brooke-Alvinston	Brooke	Brooke-Euphemia Townline Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2577	Brooke-Alvinston	Brooke	Tait McKinlay Outlet Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2578	Southwest Middlesex	Mosa	Government Drain 5/6	Bottom cleanout, brushing bank slope, brushing top of bank	3
2572	St. Clair	Sombra	Botting Drain	Bottom cleanout, brushing bank slope	2
2576	St. Clair	Sombra	Stokes Drain	Bottom cleanout, brushing bank slope	2
2574	Strathroy-Caradoc	Caradoc	Humphrey Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2575	Strathroy-Caradoc	Caradoc	Erskine Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3

***Note**

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

SCRCA DART Files

FHR #	Municipality	Geographic Township	Drain Name	Project Description	SCRs Issued
2590	Adelaide-Metcalf	Adelaide	Dortmans Drain #1	Bottom cleanout, debris removal, light brushing	3
2602	Adelaide-Metcalf	Adelaide	Davis Drain	Bottom cleanout, light brushing, debris removal	3
2600	Brooke-Alvinston	Brooke	Searson Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2604	Brooke-Alvinston	Brooke	Parker – Kidd Drain	Bottom cleanout, brushing bank slope	2
2591	Chatham-Kent	Camden	Little Bear Creek and Little Bear Creek North Branch	Bottom cleanout, brushing bank slope	2
2603	Chatham-Kent	Dover	McKenzie Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2596	Dawn-Euphemia	Dawn	9 th Concession Drain	Culvert replacement	1
2597	Lambton Shores	Bosanquet	Brush Drain	Full cleanout	1
2585	Southwest Middlesex	Ekfrid	Emerson Hodgson Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2592	Southwest Middlesex	Ekfrid	McGregor Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3

2015 October

2584	Southwest Middlesex	Mosa	Chittam Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2587	Southwest Middlesex	Mosa	McConnell Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2588	Southwest Middlesex	Mosa	McKellar Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2589	Southwest Middlesex	Mosa	Wilson McDonald Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2586	Southwest Middlesex	Mosa/Ekfrid	Hugh McLachlan Drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2611	St. Clair	Moore	Keith Drain	Bottom cleanout, brushing bank slope	2
2612	St. Clair	Sombra	McCallum Drain	Bottom cleanout, brushing bank slope	2

***Note**

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

SCRCA Planning Activity Summary for the month August 2015 11.(iv)

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street	Page 1 of 2
SUB 39T-	ADELAIDE-METCALFE	ADELAIDE	LOT 26	CON 2 SER	SECOND STREET	
SEV B01/15	BROOKE-ALVINSTON	BROOKE	LOT 15	CON 9	OLD WALNUT ROAD	
SEV B01/15	BROOKE-ALVINSTON	BROOKE	LOT 15	CON 9	OLD WALNUT ROAD	
OPA 28	CHATHAM-KENT	CHATHAM	LOT 1	CON 1		
EA 14 2015	CHATHAM-KENT	CHATHAM	LOT 2	CON 2 GORE	STEWART LINE	
SEV B54/2015	CHATHAM-KENT	CHATHAM	LOT 19	CON 1 GORE	BASE LINE	
FI 2015	ENNISKILLEN	ENNISKILLEN	LOT 16	CON 4	OIL HERITAGE ROAD	
FI 2015	ENNISKILLEN	ENNISKILLEN	LOT 21	CON 8	ROKEBY LINE	
SEV B32/15	MIDDLESEX CENTRE	LONDON	LOT 30	CON 10	ILDERTON ROAD	
SEV B29/15	MIDDLESEX CENTRE	LOBO	LOT 8	CON 8	COLDSTREAM ROAD	
LL 2015	MIDDLESEX CENTRE	LOBO	LOT 2	CON 10	HEDLEY DRIVE	
LL 2015	MIDDLESEX CENTRE	LONDON	LOT 30	CON 11	ILDERTON ROAD	
SUB 2015	MIDDLESEX CENTRE	LOBO	LOT 5	CON 8	ILDERTON ROAD	
FI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 37	CON FRONT	CULLEN DRIVE	
VAR A06/15	PLYMPTON-WYOMING	PLYMPTON	LOT 48	CON FRONT	MACK AVE.	
FI 2015	SARNIA	SARNIA	LOT 55	CON 9	BRAEMAR LANE	
FI 2015	SARNIA	SARNIA	LOT 51	CON 9	HILLCREST DRIVE	
LL 2015	SARNIA	SARNIA	LOT 69	CON 9	BEACH LANE	
LL 2015	SARNIA	SARNIA	LOT 29	CON 9	TELFER ROAD	
FI 2015	ST. CLAIR	SOMBRA	LOT 16	CON 7	KIMBALL ROAD	
EA 16 2015	ST. CLAIR	SOMBRA	LOT 9	CON 9	HOLT LINE	
EA 15 2015	ST. CLAIR	MOORE	LOT 23	CON 12	HWY. 40	
FI 2015	ST. CLAIR	MOORE	LOT 7	CON 1	BRIGDEN ROAD	
FI 2015	ST. CLAIR	MOORE	LOT 13	CON 3	OIL SPRINGS LINE	
VAR A15/2015	ST. CLAIR	MOORE	LOT 57	CON FRONT	SANDSTONE STREET	
FI 2015	STRATHROY-CARADOC	CARADOC	LOT 6	CON 3	GLENDON DRIVE	
FI 2015	STRATHROY-CARADOC	CARADOC	LOT 12	CON 9	SAXTON ROAD	
FI 2015	WARWICK	WARWICK	LOT 11	CON 3 SER	ZION LINE	

SCRCA Planning Activity Summary for the month September 2015

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
FI 2015	ADELAIDE-METCALFE	METCALFE	LOT 5	CON 7	WINTER DRIVE
FI 2015	BROOKE-ALVINSTON	BROOKE	LOT 21	CON 13	LASALLE LINE
LL 2015	BROOKE-ALVINSTON	BROOKE	LOT 28	CON 11	
GI 2015	BROOKE-ALVINSTON	BROOKE	LOT 20	CON 5	CHURCH STREET
GI 2015	BROOKE-ALVINSTON	BROOKE	LOT 23	CON 3	
SEV 58/15	CHATHAM-KENT	CHATHAM	LOT 27	CON 3 GORE	MCCREARY LINE
FI 2015	DAWN-EUPHEMIA	DAWN	LOT 16	CON 13	OAKDALE ROAD
FI 2015	DAWN-EUPHEMIA	EUPHEMIA	LOT 18	CON 2	FANSHER ROAD
FI 2015	DAWN-EUPHEMIA	EUPHEMIA	LOT 18	CON 2	FANSHER ROAD
FI 2015	LAMBTON SHORES	BOSANQUET	LOT 4	CON 19	EAST PARKWAY DRIVE
LL 2015	MIDDLESEX CENTRE	LOBO	LOT 18	CON 7	IVAN DRIVE
FI 2015	MIDDLESEX CENTRE	LOBO	LOT 2	CON 5	KOMOKA ROAD

SEV B34/2015	MIDDLESEX CENTRE	LONDON	LOT 29	CON 10	
SEV B25/15	MIDDLESEX CENTRE	LONDON	LOT 28	CON 10	TEN MILE ROAD
FI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 17	CON FRONT	QUEEN STREET
LL 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 17	CON FRONT	QUEEN STREET
SUB 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 20	CON FRONT	BEVERLY GLEN/FERNE
FI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 29	CON FRONT	WINDCLIFFE LANE
VAR A15/2015	PLYMPTON-WYOMING	PLYMPTON	LOT 40	CON FRONT	BLUEPOINT DRIVE
FI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 49	CON FRONT	FISHER BEACH ROAD
LL 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 50	CON FRONT	FORSYTH TRAIL
GI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 13	CON 9	
EA 04 2015	SARNIA	SARNIA	LOT 71	CON FRONT	
FI 2015	SARNIA	SARNIA	LOT 10	CON 7	BUSINESS PARK
LL 2015	SARNIA	SARNIA	LOT 17	CON 7	EXMOUTH STREET
FI 2015	SARNIA	SARNIA	LOT 22	CON 9	PASSINGHAM DRIVE
FI 2015	ST. CLAIR	MOORE	LOT 17	CON 6	MOORE LINE
VAR A16/2015	ST. CLAIR	MOORE	LOT 19	CON FRONT	ST CLAIR PARKWAY
ZBA 2015	ST. CLAIR	SOMBRA	LOT 15	CON 5	CHARLEMONT LINE
ZBA 2015	STRATHROY-CARADOC	CARADOC	LOT 17	CON 3	ROUGHAM ROAD
SUB 39T SC1201	STRATHROY-CARADOC	CARADOC	LOT 18	CON 3	GLENDON
SUB 39T-SC1101	STRATHROY-CARADOC	ADELAIDE	LOT 23	CON 2 SER	SECOND STREET
SUB 39T-SC0501	STRATHROY-CARADOC	ADELAIDE	LOT 23	CON 3 SERS AVE.	SOUTH OF THORN

File Reference Codes:

CZ - Comprehensive Zoning

ZBA - Minor Zoning Bylaws and Amendments

OP (A)-Official Plan (Amendments)

TC-Tree Cutting

SEV - Severances

VAR - Variances

EA/PLEA-Environmental Assessments

SUB-Subdivision

GI - General Inquiry

LL - Legal Inquiries/Letters

SP-Site Plan

DAR-Development Assessment Review

FI - Regulations Inquiry

NM - Nutrient Management

PTTW- Permit to Take Water

SPA-Site Plan Approval

External/Internal Meetings**August**

August 11 – Witness @ OMB Courtright Line, St Clair Twp - PH

August 12 – Poplar Woods Phase II and III pre-consultation meeting – PH, SH, LN

August 13 – 170 Carroll St W, Strathroy – site visit – SH, GM

August 13 – West Parkway Drive, Lambton Shores – site visit – SH, GM

August 18 – preconsultation for OMB with appellant J. Beaupre, 1070 Bruce St Sarnia, OMB Dec 2 - PH

August 18 – 3332 Bentpath Lane, Dresden – site visit, wetland flagging – SH

August 20 – 369 Metcalfe St E, Strathroy – site visit – PH, SH

August 20 - Lambton County Office Re: Lot 3, Plan 448 Bluepoint Dr. – D.C., M.D.

August 27 – TRCA – Biodiversity Offsetting Meeting – SH

September

September 1 – Friends of the St. Clair River Meeting, Sombra – D.S.

September 2 – Lambton County Office Re: 4063 Glenview Drive T. Bouma – D.C., M.D.

September 3 – Planning Template Letter Review – D.C., M.D., P.H., S.H.

September 9 – Kongas Property, Errol – site visit – DC, SH

September 11 – Middlesex Geography Network Meeting – C.D.

September 14 – Regulations Committee Meeting – D.C., M.D., P.H., S.H., G.S., B.M

September 15 – 369 Metcalfe St. E – site visit, boundary flagging

September 18 – Meeting with Walpole Island First Nation Heritage Centre Committee and Joint Dredging Committee (RE: Restrictions on Dredging BUI) – D.S.

September 22 – North Kent Wind Project – D.C., M.D.

September 22 – Lambton Water Centre Steering Committee Meeting, Sarnia – D.S.

September 23 – CACWG Meeting – Halton CA – D.C.

September 23 – mtg with B. McKinnon re 47 Hoefnagel Cres. K. Boersma - PH

September 24 – Canadian Remedial Action Plan Implementation Committee, Strathroy – D.S.

September 29 – Binational Public Advisory Council Meeting, Port Huron – D.S.

Staff Report 11.(v)



To: Board of Directors
Date: October 28, 2015
From: Donna Strang, Remedial Action Plan (RAP) Coordinator
Subject: St. Clair River Area of Concern (AOC)

Beneficial Use Impairment (BUI) Updates:

Restrictions on Dredging Activities

The RAP Coordinator has been working with the Walpole Island First Nation (WIFN) Heritage Centre staff to organize consultation activities for the “Restrictions on Dredging Activities” BUI with the community.

On September 18, 2015, a pre-consultation meeting was held with the WIFN Joint Dredging Committee and the Heritage Centre Committee. An overview of the status assessment was presented and questions were answered. Concerns and additional comments on the report were also recorded and plans for broader community engagement were initiated which included attendance at the WIFN Heritage Centre Open House on October 5, 2015. Posters were displayed that provided information on the status assessment. Approximately 150 community members attended the event.

Potential next steps will include providing feedback to the WIFN Heritage Centre Committee, preparing an article for the community newsletter and attending a lunch event. Once concurrence is received the report will be presented to the Binational Public Advisory Council (BPAC).

Beach Closings

An initial draft status assessment has been prepared for the “Beach Closings” BUI. The document has been reviewed by Canadian RAP Implementation Committee (CRIC) representatives from Environment Canada, the Ontario Ministry of the Environment and Climate Change and Lambton Public Health. The assessment has also undergone peer review. Once all comments and feedback are incorporated into the draft, a presentation will be delivered to CRIC for approval.

Restrictions on Drinking Water Consumption or Taste and Odour Problems

The CRIC is currently in the process of completing a discussion paper on the “Restrictions on Drinking Water Consumption or Taste and Odour Problems” BUI. The paper is not a status assessment, rather an overview of relevant information regarding this BUI to initiate a discussion on its status. The CRIC is hoping to have a final document available for public consultation planned for early 2016. Input from the community will determine next steps in the assessment of this BUI.

ST CLAIR REGION CONSERVATION AUTHORITY
Statement of Revenue and Expenditure
For the Nine Months Ended 30/09/2015

	Actual To Date			Annual Budget		Variance from Budget	
	Revenue	Expenditures	Surplus(Deficit)	Revenue	Expenditures	Revenue	Expenditures
Flood Control & Erosion Control	\$666,863	\$354,022	\$312,840	\$598,950	\$598,950	\$67,913	(\$244,928)
Capital Projects/WECI	\$1,433,452	\$970,753	\$462,699	\$337,500	\$337,500	\$1,095,952	\$633,253
Conservation Area's Capital Development	\$101,243	\$121,226	(\$19,983)	\$137,000	\$137,000	(\$35,757)	(\$15,774)
IT Capital	\$14,508	\$455	\$14,053	\$19,200	\$19,200	(\$4,692)	(\$18,745)
Equipment	\$59,175	\$0	\$59,175	\$72,000	\$72,000	(\$12,825)	(\$72,000)
Planning & Regulations	\$344,141	\$274,239	\$69,902	\$427,600	\$427,600	(\$83,459)	(\$153,361)
Technical Studies	\$326,053	\$140,886	\$185,167	\$213,900	\$213,900	\$112,153	(\$73,014)
Recreation	\$1,202,141	\$861,404	\$340,736	\$1,099,700	\$1,099,700	\$102,441	(\$238,296)
Property Management	\$252,145	\$198,875	\$53,270	\$273,000	\$273,000	(\$20,855)	(\$74,125)
Education and Communication	\$89,429	\$119,744	(\$30,315)	\$210,900	\$210,900	(\$121,472)	(\$91,156)
Source Water Protection	\$123,087	\$145,003	(\$21,916)	\$200,000	\$200,000	(\$76,913)	(\$54,997)
Conservation Services/Healthy Watersheds	\$747,475	\$552,644	\$194,830	\$1,105,451	\$1,105,451	(\$357,976)	(\$552,807)
Administration/AOC Management	\$585,862	\$862,129	(\$276,267)	\$1,014,940	\$1,014,940	(\$429,078)	(\$152,811)
	\$5,945,573	\$4,601,381	\$1,344,192	\$5,710,141	\$5,710,141	\$235,432	(\$1,108,760)

Notes:

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

ST. CLAIR REGION CONSERVATION AUTHORITY
Statement of Operations
AS AT September 30, 2015

	2015 Budget	2015	2014 Audit
Revenue			
Government Grants			
Section 39	310,000.00	310,003.00	310,000.00
Other	397,224.00	1,212,716.70	759,427.00
Municipal levies			
General	701,455.00	701,455.00	658,935.00
Other	329,020.00	534,480.00	332,882.00
Other Revenue			
Contributions	492,350.00	263,762.32	730,040.00
Miscellaneous	2,415,892.00	1,812,002.67	930,888.00
Interest	65,000.00	21,622.26	76,201.00
Conservation areas (Excluding Municipal Levy)	999,200.00	1,089,530.85	1,192,908.00
Transfers from reserves	-	-	0.00
General	-	-	-
Unrealized gain (loss) on held-for-trading investments	-	-	154.00
Realized gain (loss) on held for trading investments	-	-	-
	<u>5,710,141.00</u>	<u>5,945,572.80</u>	<u>4,991,435.00</u>
 Expenditures			
Administration, Schedule 1	843,440.00	669,277.05	477,086.00
Capital development, Schedule 1	555,700.00	1,202,379.12	454,499.00
Operating, Schedule 2	2,938,301.00	1,669,444.83	2,502,937.00
Property management, Schedule 2	273,000.00	198,875.40	277,207.00
Conservation area maintenance, Schedule 3	1,099,700.00	861,404.40	1,212,912.00
	<u>5,710,141.00</u>	<u>4,601,380.80</u>	<u>4,924,641.00</u>
 Excess (deficiency) of revenues over expenditures before adjustments	-	1,344,192.00	66,794.00
 Adjustments for Tangible Capital Assets			
Acquisition of tangible capital assets	-	-	157,660.00
Amortization of tangible capital assets	-	-	- 563,433.00
Gain/(loss) on sale of tangible capital assets	-	-	6,265.00
Proceeds on sale of tangible capital assets	-	-	- 11,900.00
	<u>-</u>	<u>-</u>	<u>- 411,408.00</u>
 Excess (deficiency) of revenues over expenditures before adjustments	<u>-</u>	<u>1,344,192.00</u>	<u>- 344,614.00</u>

ST. CLAIR REGION CONSERVATION AUTHORITY
Administration and Capital Development Expenditures
AS AT September 30, 2015

	2015 Budget	2015 GL	2014 Audit
Administration			
Equipment rentals and purchases	30,000.00	10,099.00	9,029.00
Materials and supplies	25,200.00	13,387.34	21,849.00
Other	310,388.34	306,729.93	68,371.00
Travel expenses and allowances	11,103.10	6,977.33	9,135.00
Utility services	13,748.56	13,342.78	15,622.00
Wages and benefits	453,000.00	318,740.67	353,080.00
	<u>843,440.00</u>	<u>669,277.05</u>	<u>477,086.00</u>
Capital Development			
Conservation area development	137,000.00	121,225.82	62,497.00
Other	19,200.00	17,181.50	47,289.00
Vehicles and equipment	72,000.00	93,218.92	74,657.00
Water erosion control infrastructure	327,500.00	970,752.88	270,056.00
	<u>555,700.00</u>	<u>1,202,379.12</u>	<u>454,499.00</u>

ST. CLAIR REGION CONSERVATION AUTHORITY
Operating and Property Management Expenditures
AS AT September 30, 2015

	2015 Budget	2015 GL
Operating		
Community relations		
Wages and benefits	190,000.00	109,440.11
Other	20,900.00	10,303.73
Conservation services		
Wages and benefits	322,300.00	287,477.42
Other	783,151.00	265,166.99
Erosion control		
Wages and benefits	19,000.00	-
Other	22,000.00	4,175.32
Flood control		
Wages and benefits	262,500.00	165,586.22
Other	99,100.00	73,251.49
Flood forecasting and warning		
Wages and benefits	134,000.00	74,581.73
Other	59,350.00	25,004.28
General		
Wages and benefits	138,500.00	59,305.97
Other	39,000.00	29,984.70
Ice management		
Wages and benefits	4,000.00	2,915.81
Planning		
Wages and benefits	341,000.00	250,788.42
Other	86,600.00	23,558.60
Source water protection		
Wages and benefits	185,000.00	144,811.65
Other	15,000.00	191.01
Technical studies		
Wages, benefits and other	216,900.00	142,901.38
	<u>2,938,301.00</u>	<u>1,669,444.83</u>
 Property Management		
Wages and benefits	155,000.00	122,835.97
Other	118,000.00	76,039.43
	<u>273,000.00</u>	<u>198,875.40</u>

ST. CLAIR REGION CONSERVATION AUTHORITY
 Conservation Area Maintenance Expenditures
 AS AT September 30, 2015

	2015 Budget	2015 GL
A.W. Campbell - Wages	137,000.00	130,004.45
A.W. Campbell - Other	118,650.00	96,526.63
Clark Wright - Wages	1,000.00	-
Clark Wright - Other	1,350.00	1,413.87
Coldstream - Other	1,300.00	1,160.62
Crothers - Other	1,600.00	2,427.44
Dodge - Other	900.00	899.87
Henderson - Wages	152,800.00	113,013.08
Henderson - Other	112,700.00	93,134.67
Highland Glen - Wages	2,000.00	-
Highland Glen - Other	8,000.00	6,818.38
McEwen - Wages	2,000.00	-
McEwen - Other	10,200.00	8,995.16
Mclean - Wages	15,000.00	12,305.75
Mclean - Other	4,200.00	26,261.69
Bridgeview - Other	900.00	782.21
Peers Wetland - Wages	1,000.00	-
Peers Wetland - Other	4,300.00	1,299.04
Shetland - Other	10,600.00	6,110.38
Sinclair -Other	500.00	-
Strathroy - Wages	11,300.00	9,013.09
Strathroy - Other	27,200.00	9,011.23
Tony Stranak - Other	8,000.00	7,648.76
Warwick - Wages	246,500.00	182,092.89
Warwick - Other	211,200.00	145,408.26
Wawanosh - Wages	2,700.00	-
Wawanosh - Other	6,800.00	7,076.93
	<u>1,099,700.00</u>	<u>861,404.40</u>

ST. CLAIR REGION CONSERVATION AUTHORITY
Statement of Financial Position
AS AT September 30, 2015

	GL 2015	Audit 2014
Financial Assets		
Cash and cash equivalents	3,341,838.52	3,214,286.00
Investments (note)	2,063,430.00	2,063,430.00
Accounts receivable	599,034.48	648,742.00
Prepaid Expenses	-	-
Long-term investments	<u>38,605.00</u>	<u>38,605.00</u>
	6,042,908.00	5,965,063.00
Restricted Assets (Note)		
Restricted Shares	-	-
Forestry	11,712.87	11,712.87
RLSN	-	-
Kent	-	-
MSN	114,201.04	275,940.00
Rondeau	-	-
Downsizing	-	-
Cash and cash equivalents	<u>125,913.91</u>	<u>287,652.87</u>
Accounts receivable - Stewardship Programs	<u>-</u>	<u>-</u>
	<u>125,913.91</u>	<u>287,652.87</u>
Total Financial Assets	<u>6,168,821.91</u>	<u>6,252,715.87</u>
Financial Liabilities		
Accounts payable and accrued liabilities	218,079.00	157,530.00
Accounts payable and accrued liabilities - Stewardship Programs	-	0.00
Deferred revenue	19,250.00	1,346,146.00
Due to Stewardship Programs (Note & Statement)	<u>114,201.04</u>	<u>275,940.00</u>
Total Financial Liabilities	<u>351,530.04</u>	<u>1,779,616.00</u>
Net Financial Assets	<u>5,817,291.87</u>	<u>4,473,099.87</u>
Non-Financial Assets		
Tangible Capital Assets, net of accumulated amortization (Notes & Schedule)	<u>35,852,299.75</u>	<u>19,565,657.00</u>
Net Assets	<u>41,669,591.62</u>	<u>24,038,756.87</u>
Conservation Authority Position		
Reserves and reserve funds (Statement 2 & 3)	5,817,292.00	4,473,100.00
Net Tangible Capital Assets	35,852,299.75	19,565,657.00
Current Year Depreciation	-	-
Total Conservation Authority Position	<u>41,669,591.75</u>	<u>24,038,757.00</u>

ST. CLAIR REGION CONSERVATION AUTHORITY
Statement of Changes in Net Financial Assets and Net Tangible Capital Assets
AS AT September 30, 2015

	2015	2014 Audit
Net Financial Assets		
Excess (deficiency) of revenue over expenditures (Statement 4)	\$1,344,192.00	\$(344,614.00)
Acquisition of tangible capital assets	.00	(157,660.00)
Transfer from Under Construction		
Amortization of tangible capital assets	.00	563,433.00
Gain/(loss) on sale of tangible capital assets	.00	(6,265.00)
Proceeds on sale of tangible capital assets	.00	11,900.00
Increase (decrease) in net financial assets	1,344,192.00	66,794.00
 Net Financial Assets, beginning of year	 4,473,100.00	 4,406,306.00
 Net Financial Assts, end of year	 \$5,817,292.00	 \$4,473,100.00
 Net Tangible Capital Assets		
Acquisition of tangible capital assets	.00	157,660.00
Amortization of tangible capital assets	.00	(563,433.00)
Gain/(loss) on sale of tangible capital assets	.00	6,265.00
Proceeds on sale of tangible capital assets	.00	(11,900.00)
Increase (decrease) in net tangible capital assets	.00	(411,408.00)
 Net Tangible Capital Assets, beginning of year	 19,565,657.00	 19,977,065.00
 Net Tangible Capital Assets, end of year	 \$19,565,657.00	 \$19,565,657.00

ST. CLAIR REGION CONSERVATION AUTHORITY
Statement of Cash Flows
AS AT September 30, 2015

	2015	2014 Audit
Cash provided by (used in)		
Operating activities		
Excess of revenue over expenditure (Statement 4)	1,344,192.00	- 344,614.00
Add items not involving cash:		
Amortization of tangible capital assets	-	563,433.00
Loss/(Gain) on disposal of tangible capital assets	-	- 6,265.00
Gain on Disposal of investments	-	- 110,655.00
Unrealized (gain) loss on held for trading investments	-	110,502.00
	1,344,192.00	212,401.00
 Net changes in non-cash working capital balances:		
Accounts receivable	49,707.52	- 348,086.00
Accounts receivable - Stewardship Programs	-	-
Prepaid expenses	-	-
Accounts payable and accrued liabilities	60,549.00	- 31,542.00
Accounts payable and accrued liabilities - Stewardship Programs	0.00	-
Deferred revenue	- 1,326,896.00	43,130.00
Due to stewardship programs	- 161,738.96	- 138,171.00
	- 34,186.44	- 262,268.00
 Investing activities		
Purchase of investments	-	- 1,693,409.00
Proceeds from sale of investments	-	1,723,187.00
Long-term investments	-	339.00
	-	29,439.00
 Capital activities		
Acquisition of tangible capital assets	-	- 157,660.00
Proceeds on disposal of tangible capital assets	-	11,900.00
	-	- 145,760.00
 Increase (decrease) in cash and cash equivalents	- 34,186.44	- 378,589.00
 Cash and cash equivalents, beginning of year	3,501,939.00	3,880,528.00
 Cash and cash equivalents, end of year	3,467,752.56	3,501,939.00
 Represented by:		
Cash and cash equivalents	3,341,838.52	3,214,286.00
Restricted cash and cash equivalents	11,712.87	11,713.00
Stewardship Programs cash and cash equivalents	114,201.04	275,940.00
	3,467,752.43	3,501,939.00

**ST. CLAIR REGION CONSERVATION AUTHORITY
DISBURSEMENTS FROM September and October**

**12.(ii)
Sarah Kellestine**

CHQ. #	DATE	VENDOR	DESCRIPTION	AMOUNT
17227	04/09/2015	AQUA POOLS,PATIOS & SPAS	Pool Supplies	\$ 105.04
17228	04/09/2015	BATTLEFIELD EQUIPMENT RENTALS	Paint	\$ 27.73
17229	04/09/2015	BUESINK WELDING & REPAIR INC.	Kabota Bed	\$ 1,497.25
17230	04/09/2015	BUFFETT, TAYLOR & ASSOCIATES I	Group Benefits	\$ 10,944.99
17231	04/09/2015	Campbells Outdoor Power Equipm	Supplies	\$ 172.78
17232	04/09/2015	BARRY CARD	Legal Fees	\$ 848.07
17233	04/09/2015	CENTRAL SANITATION	Portable Toilets	\$ 587.60
17234	04/09/2015	DOWLER KARN PROPANE	Fuel	\$ 308.34
17235	04/09/2015	FIRST AID ZONE	Supplies	\$ 135.53
17236	04/09/2015	FRAMPTON MAILING SYSTEMS	Mailing	\$ 214.70
17237	04/09/2015	Gilbert, Janice	Phragmities Cutting	\$ 8,899.00
17238	04/09/2015	PATTY HAYMAN	Employee Expense	\$ 46.86
17239	04/09/2015	ERNIE HERRINGTON	Gravel	\$ 4,084.77
17240	04/09/2015	Jorden & Cook Architect Ltd	Renovation	\$ 555.90
17241	04/09/2015	Kern Water	Ice	\$ 1,305.00
17242	04/09/2015	KLEEFMAN CLEANING SERVICES	Office Cleaning	\$ 339.00
17243	04/09/2015	Leckie, Linda	Bingo	\$ 380.00
17244	04/09/2015	Heather Long	Employee Expense	\$ 187.02
17245	04/09/2015	Mt. Brydges Ford Sales Ltd.	Vehicle Maintenance	\$ 45.15
17246	04/09/2015	ONTARIO MINISTER OF FINANCE	EHT	\$ 3,948.38
17247	04/09/2015	PETROLIA HOME HARDWARE	Supplies	\$ 46.83
17248	04/09/2015	PODOLINSKY FARM EQUIPMENT	Vehicle Maintenance	\$ 167.03
17249	04/09/2015	TRACY PRINCE	Employee Expense	\$ 203.28
17250	04/09/2015	PUROLATOR COURIER	Postage	\$ 17.80
17251	04/09/2015	RIDGETOWN INDEPENDENT NEWS	Advertising	\$ 27.84
17252	04/09/2015	RKG TELETECH SERVICES	Repair	\$ 152.72
17253	04/09/2015	Servicemaster	Office Cleaning	\$ 362.25
17254	04/09/2015	Spriet Associates	Consolant fees	\$ 3,005.86
17255	04/09/2015	Stonetown Promotions	Pens	\$ 858.68
17256	04/09/2015	SUPERIOR COMPUTER SALES INC.	Toner	\$ 878.01
17257	04/09/2015	THREE MAPLES VARIETY	Fuel	\$ 820.27
17258	04/09/2015	MIKE TIZZARD	Employee Expense	\$ 215.00
17259	04/09/2015	TOWNSHIP OF ST. CLAIR	Utilities	\$ 60.96

17260	04/09/2015 JESSICA VAN ZWOL	Employee Expense	\$	50.74
17261	04/09/2015 WARWICK GAS & VARIETY	Fuel	\$	796.55
17262	04/09/2015 WASTE MANAGEMENT OF CANADA COR	Garbage Collection	\$	6,283.05
17263	04/09/2015 WATFORD HOME HARDWARE BUILDING	Supplies	\$	76.65
17264	04/09/2015 WATSON TIM-BR MART	Supplies	\$	139.13
17265	04/09/2015 WATFORD HOME HARDWARE BUILDING	Supplies	\$	101.49
17266	04/09/2015 PETROLIA HOME HARDWARE	Supplies	\$	21.99
17267	09/09/2015 Wilcox, Greg	Payroll	\$	777.41
17268	17/09/2015 21 SHELL & VARIETY	Fuel	\$	367.66
17269	17/09/2015 BADDER BUS SERVICE	Bus Rental	\$	1,130.00
17270	17/09/2015 Canadian Linen & Uniform	Mats	\$	40.33
17271	17/09/2015 CENTRAL SANITATION	Portable Toilets	\$	124.30
17272	17/09/2015 STEPHEN CLARK	Employee Expense	\$	330.93
17273	17/09/2015 COINAMATIC	Laundry	\$	266.29
17274	17/09/2015 DELTA POWER EQUIPMENT	Vehicle Maintenance	\$	199.59
17275	17/09/2015 Delta Power Equipment Watford Division	Vehicle Maintenance	\$	1,006.31
17276	17/09/2015 DOWLER KARN PROPANE	Fuel	\$	395.84
17277	17/09/2015 DUN-RITE LANDSCAPING INC.	Lawn Maintenance	\$	288.15
17278	17/09/2015 GERBER ELECTRIC	Repair	\$	319.23
17279	17/09/2015 HAYTER-WALDEN PUBLICATIONS INC	Advertising	\$	323.46
17280	17/09/2015 HEYLAND FARMS LTD./DOUG MCGEE	Seed	\$	925.00
17281	17/09/2015 JOHNSTON BROS.(BOTHWELL) LTD.	Gravel	\$	1,051.31
17282	17/09/2015 J & S LAWN CARE	Lawn Maintenance	\$	491.55
17283	17/09/2015 Sarah Kellestine - Petty Cash	Petty Cash	\$	264.15
17284	17/09/2015 Sarah Kellestine	Employee Expense	\$	418.10
17285	17/09/2015 LOBLAW COMPANIES LIMITED	Meeting Expense	\$	27.52
17286	17/09/2015 MACFARLANE CHEVROLET	Vehicle Maintenance	\$	666.65
17287	17/09/2015 MSD Inc.	Gates	\$	2,825.00
17288	17/09/2015 O'tools	Supplies	\$	157.73
17289	17/09/2015 PETROLIA HOME HARDWARE	Supplies	\$	101.85
17290	17/09/2015 PODOLINSKY FARM EQUIPMENT	Mower Blades	\$	141.06
17291	17/09/2015 Power Plumbing & Heating	Repairs	\$	889.99
17292	17/09/2015 PUROLATOR COURIER	Postage	\$	124.10
17293	17/09/2015 THE RECEIVER GENERAL FOR CANAD	Outstanding Balance from 2012	\$	570.67
17294	17/09/2015 Sharpe, David	Cover Crop Grant	\$	393.86
17295	17/09/2015 SHOREPLAN ENGINEERING LTD.	Consulting	\$	1,972.53
17296	17/09/2015 Springett, Wendy	Team Building	\$	360.00

17297	17/09/2015 Strathroy & District Chamber o	Membership Fee	\$	209.05
17298	17/09/2015 SUPERIOR COMPUTER SALES INC.	Batteries and Monitor	\$	623.76
17299	17/09/2015 TOWNSHIP OF DAWN-EUPHEMIA	Final Tax Bills	\$	305.32
17300	17/09/2015 VALLEY LAWN CARE	Lawn Maintenance	\$	3,090.55
17301	17/09/2015 VAN TUYL & FAIRBANK	Supplies	\$	23.66
17302	17/09/2015 WATFORD HOME HARDWARE BUILDING	Supplies	\$	622.81
17303	17/09/2015 WATSON TIM-BR MART	Supplies	\$	238.46
17304	17/09/2015 WOODWARDS SERVICE CENTRE	Repairs and Supplies	\$	1,036.38
17305	22/09/2015 Olde Haus	Meeting Expense	\$	298.32
17306	01/10/2015 A. L. Lester Limited	Dust Control	\$	1,685.96
17307	01/10/2015 Armtec Limited Partnership	Supplies	\$	18,143.28
17308	01/10/2015 Belleau, Diane	Participation in Consultation	\$	50.00
17309	01/10/2015 BF ENVIRONMENTAL CONSULTANTS	Culvert Replacement	\$	10,977.95
17310	01/10/2015 Blackbird, Jennie	Participation in Consultation	\$	50.00
17311	01/10/2015 BUFFETT, TAYLOR & ASSOCIATES I	Group Benefits	\$	10,944.99
17312	01/10/2015 CENTRAL SANITATION	Portable Toilets	\$	745.80
17313	01/10/2015 STEPHEN CLARK	Employee Expense	\$	241.58
17314	01/10/2015 Deborah Ward	Consulting	\$	1,300.00
17315	01/10/2015 DELTA POWER EQUIPMENT	Bucket for Kabota	\$	806.82
17316	01/10/2015 DOWLER KARN PROPANE	Fuel	\$	40.68
17317	01/10/2015 DUCKS UNLIMITED CANADA	RAP Funding	\$	5,000.00
17318	01/10/2015 ENTERPRISE RENT-A-CAR CANADA L	Car Rental	\$	2,092.30
17319	01/10/2015 FOREST CITY BUSINESS EQUIPMENT	Printing Expense	\$	1,866.23
17320	01/10/2015 Giffen, Norm	Employee Expense	\$	400.17
17321	01/10/2015 Gilbert, Janice	Phragmites Cutting	\$	1,604.60
17322	01/10/2015 Graceview Enterprises Inc.	Renovation	\$	11,146.13
17323	01/10/2015 Isaac, Delores	Participation in Consultation	\$	50.00
17324	01/10/2015 Isaac, Eric	Participation in Consultation	\$	50.00
17325	01/10/2015 Jacobs, Alan	Participation in Consultation	\$	50.00
17326	01/10/2015 JIM WHITE'S TRAILER SALES INC.	Sewar Adaptors	\$	40.68
17327	01/10/2015 KELLY JOHNSON	Employee Expense	\$	35.00
17328	01/10/2015 Johnson, Lyle	Participation in Consultation	\$	50.00
17329	01/10/2015 J & S LAWN CARE	Lawn Maintenance	\$	350.30
17330	01/10/2015 Kern Water	Ice	\$	325.00
17331	01/10/2015 KETTLE CREEK CONS. AUTHORITY	Funding for Wetland	\$	7,500.00
17332	01/10/2015 KEY CONTACT	Mailing	\$	928.20
17333	01/10/2015 KLEEFMAN CLEANING SERVICES	Office Cleaning	\$	452.00

17334	01/10/2015 KYIS EMBROIDERY	Uniform	\$	88.14
17335	01/10/2015 LAKESIDE GRAIN & FEED LTD.	Roundup	\$	434.30
17336	01/10/2015 Lambton Home Building Centre	Supplies	\$	124.41
17337	01/10/2015 LANDSTRA CATERING	Meeting Expense	\$	1,013.86
17338	01/10/2015 L.A. POOL & SPA	Pool Supplies	\$	243.31
17339	01/10/2015 McClemon, Michael	DAR review reimbusment	\$	1,500.00
17340	01/10/2015 MCDONNELL MOTORS LTD.	Vehicle Maintenance	\$	163.49
17341	01/10/2015 BRIAN MCDOUGALL	Employee Expense	\$	632.80
17342	01/10/2015 719329 ONTARIO LIMITED	Repairs	\$	1,313.26
17343	01/10/2015 ONTARIO MINISTER OF FINANCE	EHT	\$	3,672.85
17344	01/10/2015 TIM PAYNE	Employee Expense	\$	236.10
17345	01/10/2015 PUROLATOR COURIER	Postage	\$	26.81
17346	01/10/2015 Rick's Contracting & Pool Services	Pool Cover	\$	367.25
17347	01/10/2015 Sahgaj, Sandra	Participation in Consultation	\$	50.00
17348	01/10/2015 Sands-Clement, Reta	Participation in Consultation	\$	50.00
17349	01/10/2015 Schooley Mitchell Telecom Consultants	Consulting	\$	861.72
17350	01/10/2015 Shannon Vending Limited	Meeting Expense	\$	109.90
17351	01/10/2015 SIGNS AND DESIGNS	Signs	\$	378.55
17352	01/10/2015 Strathroy & District Chamber o	Meeting Expense	\$	113.00
17353	01/10/2015 ST. WILLIAMS NURSERY & ECOLOGY	Trees	\$	2,660.03
17354	01/10/2015 SUN MEDIA CORPORATION	Advertising	\$	180.35
17355	01/10/2015 Trimen Foodservice Equipment	Dish Rack	\$	38.77
17356	01/10/2015 WATFORD HOME HARDWARE BUILDING	Supplies	\$	153.52
17357	01/10/2015 William, Roger	Participation in Consultation	\$	50.00
17358	01/10/2015 Yellow Pages Group	Advertising	\$	26.22
17359	01/10/2015 ZWART EXCAVATING LTD.	Gravel	\$	14.13
17360	19/10/2015 21 SHELL & VARIETY	Fuel	\$	265.00
17361	19/10/2015 Canadian Linen & Uniform	Mats	\$	42.36
17362	19/10/2015 CENTRAL SANITATION	Portable Toilets	\$	124.30
17363	19/10/2015 DOWLER KARN PROPANE	Fuel	\$	447.10
17364	19/10/2015 Equipment Medic	Pump Repair	\$	204.53
17365	19/10/2015 Frank Glew	Book	\$	13.00
17366	19/10/2015 GERBER ELECTRIC	Electrica Work	\$	367.79
17367	19/10/2015 MELISSA GILL	Employee Expense	\$	262.90
17368	19/10/2015 KELLY JOHNSON	Employee Expense	\$	35.00
17369	19/10/2015 Kern Water	Ice	\$	37.50
17370	19/10/2015 KYIS EMBROIDERY	Uniform	\$	63.28

17371	19/10/2015 LAKESIDE GRAIN & FEED LTD.	Supplies	\$	158.80
17372	19/10/2015 LARRY MACDONALD CHEV OLDS	Vehicle Maintenance	\$	51.92
17373	19/10/2015 LOBLAW COMPANIES LIMITED	Meeting Expense	\$	39.91
17374	19/10/2015 MECHANICAL ADVERTISING	Signs	\$	404.43
17375	19/10/2015 PETROLIA HOME HARDWARE	Supplies	\$	57.42
17376	19/10/2015 PUROLATOR COURIER	Postage	\$	105.67
17377	19/10/2015 GIRISH SANKAR	Employee Expense	\$	286.00
17378	19/10/2015 Servicemaster	Office Cleaning	\$	362.25
17379	19/10/2015 JEFF SHARP	Employee Expense	\$	66.06
17380	19/10/2015 STEVE SHAW	Employee Expense	\$	54.45
17381	19/10/2015 SIGNS AND DESIGNS	Signs	\$	1,496.12
17382	19/10/2015 STEELES AUTO WRECKERS	Back door lock	\$	125.00
17383	19/10/2015 DONNA STRANG	Employee Expense	\$	637.27
17384	19/10/2015 STRATHROY HOME HARDWARE BUILDI	Supplies	\$	195.37
17385	19/10/2015 STRATHROY RENTAL ONE	Equipment Rental	\$	64.41
17386	19/10/2015 SUN MEDIA CORPORATION	Advertising	\$	166.43
17387	19/10/2015 SWISH MAINTENANCE LIMITED	Supplies	\$	169.99
17388	19/10/2015 THREE MAPLES VARIETY	Fuel	\$	535.89
17389	19/10/2015 TOWNSHIP OF ENNISKILLEN	Utilities and Taxes	\$	7,353.33
17390	19/10/2015 TOWN OF PLYMPTON-WYOMING	Final Tax Bills	\$	1,954.38
17391	19/10/2015 TOWNSHIP OF WARWICK	Utilities	\$	2,573.72
17392	19/10/2015 TOWNSHIP OF DAWN-EUPHEMIA	Utilities	\$	51.85
17393	19/10/2015 VALLEY LAWN CARE	Lawn Maintenance	\$	2,406.90
17394	19/10/2015 VAN TUYL & FAIRBANK	Supplies	\$	54.56
17395	19/10/2015 WARWICK GAS & VARIETY	Fuel	\$	334.00
17396	19/10/2015 WASTE MANAGEMENT OF CANADA COR	Garbage Collection	\$	2,935.24
17397	19/10/2015 WATFORD HOME HARDWARE BUILDING	Supplies	\$	16.24
17398	19/10/2015 Williamson, Allan	Cover Crop Grant	\$	380.50
17399	19/10/2015 WINKELMOLEN NURSERY LTD.	Trees	\$	18,077.74
17400	19/10/2015 WOODWARDS SERVICE CENTRE	Participation in Consultation	\$	113.00
17401	21/10/2015 LOBLAW INC.	Gift Cards	\$	1,960.00

TOTAL CHEQUE DISBURSEMENTS - BANK #1 -

208,800.17

INTERNET BANKING September 2015

TRANS #	DATE	VENDOR	DESCRIPTION	AMOUNT
8235	30/09/2015	BELL CANADA	Telephone/Internet	\$ 14.01
8236	30/09/2015	BELL CANADA	Telephone/Internet	\$ 634.59
8237	30/09/2015	BELL MOBILITY CELLULAR	Telephone/Internet	\$ 136.06
8238	30/09/2015	BLUEWATER POWER	Utilities	\$ 131.37
8239	30/09/2015	BROOKE TELECOM CO-OP	Telephone/Internet	\$ 802.52
8240	30/09/2015	ENTEGRUS SERVICES INC. (CHATHA	Utilities	\$ 1,059.73
8241	30/09/2015	Execulink Telecom	Telephone/Internet	\$ 861.41
8242	30/09/2015	FCDQ (DESJARDINS)	Office Supplies	\$ 728.63
8244	30/09/2015	HYDRO ONE Networks Inc.	Hydro	\$ 42,089.74
8245	30/09/2015	MASTERCARD	Employee Purchases	\$ 4,375.75
8246	30/09/2015	OMERS	Pension	\$ 29,999.12
8247	30/09/2015	PETRO CANADA INC.	Fuel	\$ 3,855.58
8248	30/09/2015	RECEIVER GENERAL	Source Deductions	\$ 51,407.35
8249	30/09/2015	Rogers Cable Communications Inc	Telephone/Internet	\$ 192.04
8250	30/09/2015	ROGERS WIRELESS	Telephone/Internet	\$ 470.76
8251	30/09/2015	UNION GAS LIMITED	Utilities	\$ 29.55
8252	30/09/2015	WORKPLACE SAFETY & INS. BOARD	WSIB	\$ 5,406.27
TOTAL INTERNET DISBURSEMENTS - BANK NO. 1 -				<u>142,194.48</u>
PAYROLL RUNS				
		PAYROLL NO. 18	\$	67,846.95
		PAYROLL NO. 19	\$	62,382.36
		PAYROLL NO. 20	\$	60,412.97
		PAYROLL NO. 21	\$	59,848.76
		PAYROLL NO.		
		PAYROLL NO.		
TOTAL PAYROLL RUNS -				<u>250,491.04</u>
TOTAL DISBURSEMENTS -				<u><u>601,485.69</u></u>

CAMPING FEES	2015	2016
Reservation Fee	\$8.00	\$8.00
Cancellation Fee	\$15.00	\$15.00
Daily, Unserviced	\$34.00	\$36.00
Daily, Serviced	\$40.00	\$41.00
60 buck weekend (designated weekends)	\$60.00	\$60.00
Weekly, Unserviced	\$204.00	\$204.00
Weekly, Serviced	\$240.00	\$246.00
Monthly, Unserviced	\$612.00	\$612.00
Monthly, Serviced	\$720.00	\$750.00
Seasonal Camping Fees – May 1, 2015 - April 15, 2016	2015	2016
Full Payment made on or before April 15 2014 , 15 AMP service	\$1,810.00	N/A
Full Payment made on or before April 15 2014 , 30 AMP service	\$1,995.00	\$2,055.00
First instalment payment on or before April 15 2014	\$1,300.00	\$1,400.00
Second instalment payment on or before June 1 2014, 15 AMP service	\$545.00	N/A
Second instalment payment on or before June 1 2014, 30 AMP service	\$730.00	\$690.00
Half Season, 15 AMP (after August 1)	\$905.00	N/A
Half Season, 30 AMP (after August 1)	\$997.50	\$1,027.50
Quarter Season, 15 AMP (after Sept 1)	\$452.50	N/A
Quarter Season, 30 AMP (after Sept 1)	\$498.75	\$513.75
Seasonal late payment fee	\$35.00	\$35.00
Seasonal Campsite deposit (new seasonal camper wanting to reserve site for following season)	\$100.00	\$100.00
Miscellaneous Fees	2015	2016
Overnight Visitors (per person)	\$5.00	\$5.00
Sewage Pump Out per service fee	\$25.00	\$25.00
Sewage Pump Out seasonal fee	\$150.00	\$150.00
Winter Storage for Trailers arriving after Thanksgiving	\$150.00	\$150.00
Exterior fridge/freezer charge	\$150.00	\$150.00
Extra hydro fee for electric golf cart	\$150.00	\$150.00
Golf Cart (day/month)	\$ 5.00/\$30.00	\$ 5.00/\$30.00
Extra hydro/Exterior fridge/freezer if found during inspection by staff	\$200.00	\$200.00
Ice	\$3.00	\$3.00
Firewood (bundle)	\$7.00	\$7.00
Firewood (1/2 cord)	\$35.00	\$35.00
Firewood (cord)	\$70.00	\$70.00
DAY USE FEES	2015	2016
Vehicle	\$7.00	\$7.00
Pedestrians/Cyclists (16 & over)	\$2.00	\$2.00
Seasonal Day Pass	\$60.00	\$60.00
Buses	\$15.00	\$15.00
Open Pavilion reservation	\$60.00	\$60.00
Closed in Pavilion reservation (Warwick/LC Henderson)	\$100.00	\$100.00
Swimming Daily Fee	\$2.00	\$2.00
Seasonal Swimming Pass - Individual	\$35.00	\$35.00
Seasonal Swimming Pass - Family	\$90.00	\$90.00

2016 Camping Fee Summary KB/October 23, 2015							12.(iii)
Conservation Authority	Seasonal Rate with Winter Storage & Taxes	Overnight Serviced (per night)	Overnight Unserviced (per night)	Vehicle Pass	Seasonal Vehicle Pass	Pump-out	
Great Canadian Hideaway (*2015 rates*)	\$2,272.00 - 30 amp (plus hydro)	\$49.72 (30 amp)	\$39.55	\$ 5.00 per person \$ 16.00 per vehicle		\$ 113 per season	
Upper Thames River (*2015 rates*) (April 24 to October 18)	\$2,440.00 - 30 amp (reg) \$ 2,630.00 – waterfront \$ 3,240.00 premium \$ 2,345.00 - 15 amp (reg)	\$ 45.00 (30 amp) Monthly \$ 940.00 Weekly \$ 292.00	\$35.00	\$ 12.00	\$ 90.00	\$ 250.00 Bi weekly \$ 40.00 Per pump out	
St. Clair Township (Cathcart, Cundick, Mooretown) (*2015*)	\$ 2,210.00 (30 amp & sewer)	\$40.00 (30 amp & sewers)) \$ 46.00 (prime campsites) Weekly \$250; monthly \$765.	N/A				
Kettle Creek Conservation Authority (*2015 rates*)	\$ 1,832.00 - 15 amp \$2,087.00 - 30 amp (no winter storage available – all trailers removed from site)	\$46.00 (30 amp) \$40.00 (15 amp) Weekly \$283.00 Monthly \$ 848.00	\$34.00	\$ 10.00	\$80.00	\$ 30 per pump	
Our Ponderosa Ipperwash (*2015 rates*)	\$3,565.15 - 30 amp Regular site (plus hydro)	\$ 58.76 (30 amp) weekdays \$ 76.28 weekends		\$ 6.78 per person			

Lakewood Christian Campground (*2015 rates*)	Ranges from \$ 2,288.25 to \$ 2,429.50 30 amp & sewers	\$ 45.20 - 30 amp (Add \$ 5.00 / night for long weekends) Weekly \$271.20 (includes hydro, water, sewer)	\$ 33.90 (Add \$ 5.00/night for long weekends)	\$ 3.39/ person or \$ 9.04/ family	\$ 39.55/ person or \$ 56.50/ family	
Silver Dove Estates Formerly Jefferson Junction (Appin) (*2015 rates*)	\$ 2,090.50 plus hydro & winter storage	\$ 44.97 - 30 amp	\$ 15.00 per person	N/A		
Maitland Valley *2015*	\$2,600.00 (30 amp)* \$ 2,345.00 (15 amp)* (April 20 to Oct 23) *if paid with credit card	\$ 46.00- 15 amp \$ 52.00- 30 amp Monthly- \$ 1,092.00 Weekly - \$ 966.00	\$ 36.00	\$ 15.00 per vehicle	\$ 90.00	
Essex Region (Holiday Beach) (*2015 rates)	\$ 2,180.90 (15 amp) \$ 2,406.90 (50 amp) (plus hydro)		N/A	\$10.00	\$70.00	
Mitchell's Bay Marine Park	Ranges from \$ 4,623.96 to \$ 3,201.29 (plus hydro)	\$45.20 (weekdays) \$56.00 (Weekends) (Stat holidays – 3 day minimum)	\$ 39.55			\$450.00 biweekly \$ 33.90 per pump
St. Clair Region (2015 rates)	\$1,995.00 – 30 amp \$1,810.00 – 15 amp	\$40.00 (hydro & water)	\$34.00	\$7.00	\$60.00	\$150.00 bi-weekly \$25.00/ Pump
St. Clair Region (Proposed for 2016)	\$2,055.00 – 30 amp Winter storage, water & hydro included	\$41.00 (hydro & water)	\$36.00	\$7.00	\$60.00	\$160.00 Bi-weekly \$25.00 Per pump

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



2016 Proposed Budget

1. Quick Facts (pg. 2-3)
2. 2016 Budget Highlights (pg. 3)
3. 2016 Summary Budget (pg. 4-5)
4. 2016 Expanded Budget (pg. 6-7)
5. 2016 Levy Assessment (CVA) - Schedule "A" (pg. 8-9)
6. 2016 Conservation Areas Maintenance and Operation Budget - Schedule "B" (pg.10-11)
7. 2016 Municipal Funding Summary - Schedule "C" (pg.12-13)
8. 2016 Conservation Area's Capital Projects (pg. 14-16)

St. Clair Region Conservation Authority

Quick Facts

General:

- 17 member municipalities from Lambton and Middlesex Counties and the cities of Sarnia and Chatham-Kent (see member directory for full listing)
- 20 members on the Board of Directors appointed by municipalities (see directory)
- 14 watersheds - Sydenham River with its East and North branches, 13 smaller named watersheds entering Lake Huron, St. Clair River and Lake St. Clair.
- of the 36 Conservation Authorities in the province, the St. Clair Region ranks:
 - **9th largest in area (4,100 km²)**
 - **16th in population (151,420 within the watershed)**
 - **35th in general levy (\$3.22 per capita) in 2013, excluding Capital projects**
 - **6th in receipt of provincial grant from the Ministry of Natural Resources**
 - **General levy per population in the watershed \$4.173 in 2013**

Land:

- owns 4,200 acres of property
- manages another 1,340 acres for the County of Lambton
- manages 16 properties (1100 acres) for our Conservation Foundation
- has 16 Conservation Areas including 3 regional campgrounds - 522 serviced campsites
- campgrounds are self-sufficient, profits generated from their operations are used to offset capital development
- over 200,000 visitors to Conservation Areas in 2015

Water Management:

- has the largest flood control dam and diversion in the province (McKeough Floodway)
- 11 recreation dams at 8 Conservation Areas
- assisting Chatham-Kent with maintenance of nearly 20 km of dykes
- assisting Sarnia, Point Edward, St. Clair Township, Chatham-Kent in maintaining almost 10 km of shore protection and erosion control structures
- in excess of \$52 million invested in conservation lands and flood and erosion control structures

Planning/Regulations/GIS:

- provided technical and professional comments on over 500 municipal planning and regulation matters in 2015
- commented on provincially generated policy related to natural hazards and heritage features
- managing AOC St. Clair River program
- internal and external GIS computer mapping needs for Authority staff and partners

Education/Communication:

- helped over 11,700 children discover conservation through outdoor education
- work in partnership with over 100 groups and thousands of individuals who support conservation and environmental programs throughout the watershed

Biology/Research:

- science based research supporting Species at Risk, benthic water quality monitoring, groundwater monitoring, fisheries, municipal drain classifications

Forestry/Healthy Watersheds:

- planted over 3.4 million trees over the last three decades
- constructed over 100 acres of wetlands
- provides technical and professional services to municipalities for land management, erosion control, urban forestry, road side tree planting, private woodlot management
- provided \$2 million in grants to farmers and other landowners to implement Best Management Practices since 2000

Finances:

- 2015 Budget - \$6,080,141
- 2015 General Levy - \$701,455 shared by the 17 member municipalities

2016 Budget Highlights

We offer the following highlights for your information:

- General Levy for 2016 is \$735,920 shared by the 17 member municipalities, results in an average cost of \$4.86 per population count within the watershed per year.
- Matching and Non-Matching Levy for 2016 are budgeted to be a \$34,467 increase from 2015. This is an average increase of \$0.23 per population count within the watershed per year.
- Provincial grants to Conservation Authorities support flood control, planning, administration, legal expenses and technical studies.
- In addition, grants continue to be available for studies, inspection, major maintenance, minor maintenance and preventative maintenance of water and erosion control structures to protect significant investments made by the province and municipalities.
- St. Clair Region has in excess of \$52 million invested in flood and erosion control structures and lands.
- Grants applied for in the business plan used to develop the budget.
- However, the received grants may not be as indicated in the budget. Upon confirmation of approved grants, the budget will be revised to reflect those grants with the combined levy (matching and non-matching) remaining unchanged.
- Detailed budgets for each program or project are available upon request.

Proposed St. Clair Region Conservation Authority 2016 Budget Summary October 20, 2015

	Budget	Provincial Grant	Other Grant/Program Funds	Matching Levy	Non Matching Levy
Flood Control Operations and Maintenance	\$635,732	\$223,500	\$11,000	\$223,500	\$0
Erosion Control Operations & Maintenance	\$41,000	\$20,500	\$0	\$0	\$0
Capital Projects	\$171,100	\$0	\$119,500	\$0	\$0
Source Protection Planning	\$175,000	\$0	\$175,000	\$0	\$0
Planning and Regulations	\$457,436	\$20,000	\$0	\$20,000	\$93,130
TS - Hazard & Flood Information Management	\$16,255	\$4,500	\$0	\$4,500	\$7,255
TS - Lake Huron Shoreline Plan	\$60,000	\$0	\$0	\$0	\$0
TS - Aquatic systems monitoring	\$186,368	\$0	\$5,000	\$0	\$33,000
St. Clair AOC Management	\$110,000	\$0	\$110,000	\$0	\$0
Conservation Services	\$457,650	\$0	\$107,000	\$0	\$0
MNR Species at Risk	\$126,000	\$0	\$126,000	\$0	\$0
Recreation	\$1,163,620	\$0	\$3,000	\$0	\$13,390
Capital Development	\$104,000	\$0	\$0	\$0	\$0
Property Management	\$285,500	\$0	\$0	\$0	\$0
Information and Education	\$215,900	\$0	\$11,500	\$0	\$81,000
IT Capital	\$19,200	\$0	\$0	\$0	\$0
Equipment	\$72,000	\$0	\$0	\$0	\$0
Legal	\$1,000	\$500	\$0	\$500	\$0
Administration	\$855,641	\$41,000	\$6,000	\$61,500	\$198,145
Total CA Budget	\$5,153,402	\$310,000	\$674,000	\$310,000	\$425,920
Employment Programs	\$75,000	\$0	\$0	\$0	\$0
Total Budget	\$5,228,402	\$310,000	\$674,000	\$310,000	\$425,920

Proposed St. Clair Region Conservation Authority 2016 Budget Summary October 20, 2015

Special Levy	Revenues	Reserves
St. Clair - McK Maint \$2,000	Carryforwards - \$123,350	\$10,382
C-K- McK Maint - \$38,000, Arda - \$1,000	Other Income - \$3,000	
Samia - SECP \$13,000 Pt. Edward - PEECP \$2,000 C-K - Dres RetWalls&CECP \$500 Samia - SBECP \$2,000 C-K - Wallaceburg Walls \$1,000 Strathroy - StrECP \$1,000 St. Clair - Corrunna Ret Wall \$1,000		\$0
\$0	Carryforwards - \$51,600	\$0
\$0	\$0	\$0
All Municipalities based on General Levy Split \$45,000 (3D Mapping)	Fees - \$119,000 Foundation - \$5,000 Carryforward - \$13,586	\$141,720
\$0	\$0	\$0
Special Levy \$30,000	\$0	\$30,000
\$0	Carryforward \$148,368	\$0
\$0	\$0	\$0
\$0	Fees - \$293,000 Carryforward \$57,650	\$0
\$0	\$0	\$0
Shetland - Dawn-Euphemia \$9,900 Wawanosh - City of Samia \$9,000 Clark Wright - Strathroy-Caradoc \$1,750 Bridgeview - Town of Petrolia \$900 Coldstream - Middlesex Centre \$1,300 Crothers - Chatham-Kent \$3,200 Stranak - Chatham-Kent \$7,100 Peers - Chatham-Kent \$1,650 Strathroy - Strathroy-Caradoc \$21,620 McEwen - Plympton-Wyoming \$11,610 Dodge - Lambton Shores \$500	Fees - \$1,022,200 Foundation - \$9,750 (Mclean) \$27,100 Rental Income - \$19,650	\$0
\$0		\$104,000
\$0	Rental Income - \$180,000 County of Lambton - \$45,000 Carryforward - \$5,500 Revenue - \$45,000	\$10,000
\$0	Fees - \$20,000 Donations - \$50,000	\$53,400
\$0	\$19,200	\$0
\$0	\$72,000	\$0
\$0		\$0
\$0	Rental Income - \$12,000 Interest Income - \$35,000 Foundation - \$25,850 Allocated Admin Costs - \$60,000 Admin Fees - \$53,500 Oil & Gas Revenue - \$57,000 Carryforward - \$152,096	\$153,550
\$205,030	\$2,725,400	\$503,052
\$0	\$75,000	\$0
\$205,030	\$2,800,400	\$503,052

Schedule "A"

2016 Proposed Levy Assessment

Municipality	2015 Current Value Assessment (modified) in Watershed	2015 CVA Apportionment %
Township of Adelaide Metcalfe	\$ 346,558,003	1.6688
Township Brooke-Alvinston	\$ 329,752,690	1.5879
Municipality Chatham-Kent	\$ 2,761,220,575	13.2964
Township Dawn-Euphemia	\$ 508,738,565	2.4498
Township Enniskillen	\$ 359,333,515	1.7303
Municipality Lambton Shores	\$ 1,018,512,531	4.9046
Municipality Middlesex Centre	\$ 431,169,537	2.0763
Village Newbury	\$ 31,565,090	0.1520
Village Oil Springs	\$ 41,293,760	0.1988
Town Petrolia	\$ 506,348,405	2.4383
Town Plympton-Wyoming	\$ 1,053,233,878	5.0718
Village Point Edward	\$ 497,952,498	2.3978
City Sarnia	\$ 8,256,926,385	39.7606
Municipality Southwest Middlesex	\$ 233,344,828	1.1237
Township St. Clair	\$ 2,271,684,115	10.9391
Township Strathroy - Caradoc	\$ 1,700,379,820	8.1880
Township Warwick	\$ 418,613,479	2.0158
	\$ 20,766,627,674	100

2016 Proposed Municipal General Levy : \$34,465 increase over 2015

2015 Current Value Assessment (modified) in Watershed	2016 CVA Apportionment %
\$ 355,168,489	1.7019%
\$ 331,528,985	1.5889%
\$ 2,781,739,621	13.3292%
\$ 506,386,110	2.4264%
\$ 358,710,860	1.7188%
\$ 1,023,643,362	4.9050%
\$ 439,048,284	2.1038%
\$ 31,831,390	0.1525%
\$ 41,347,570	0.1981%
\$ 506,736,340	2.4281%
\$ 1,066,749,923	5.1115%
\$ 500,836,338	2.3998%
\$ 8,269,463,090	39.6247%
\$ 236,723,320	1.1343%
\$ 2,278,403,273	10.9174%
\$ 1,719,400,365	8.2388%
\$ 421,770,115	2.0210%
\$ 20,869,487,435	100%

2015 Proposed General Levy	2016 Proposed General Levy
\$ 11,706	\$ 12,525
\$ 11,138	\$ 11,693
\$ 93,268	\$ 98,092
\$ 17,184	\$ 17,856
\$ 12,137	\$ 12,649
\$ 34,404	\$ 36,097
\$ 14,564	\$ 15,482
\$ 1,066	\$ 1,122
\$ 1,394	\$ 1,458
\$ 17,104	\$ 17,869
\$ 35,576	\$ 37,617
\$ 16,819	\$ 17,661
\$ 278,903	\$ 291,606
\$ 7,882	\$ 8,348
\$ 76,733	\$ 80,343
\$ 57,435	\$ 60,631
\$ 14,140	\$ 14,873
\$ 701,453	\$ 735,921

Schedule "B"

2016 Proposed Conservation Area Maintenance and Operation Budget

	2015 Budget	2016 Proposed Budget	Special Levy
403- Shetland	\$ 10,600	\$ 11,000	\$9,900(Dawn-Euphemia)
404 - Sinclair	\$ 500	\$ 500	
405 - Wawanosh	\$ 9,500	\$ 10,000	\$9,000 (City of Sarnia)
413 - Clark Wright	\$ 2,350	\$ 2,500	\$1,750 (Strathroy-Caradoc)
416 - -Bridgeview	\$ 900	\$ 900	\$900 (Town of Petrolia)
417 - Campbell	\$ 255,650	\$ 295,500	
419 - Coldstream	\$ 1,300	\$ 1,300	\$1,300 (Middlesex Centre)
448 - Crothers	\$ 1,600	\$ 3,200	\$3,200 (Chatham-Kent)
455 - Peers	\$ 5,300	\$ 9,200	\$1,650 (Chatham-Kent)
458 - Warwick	\$ 457,700	\$ 476,400	
470 - Stranak	\$ 8,000	\$ 7,100	\$7,100 (Chatham-Kent)
472 - Henderson	\$ 265,500	\$ 273,900	
474 - Strathroy	\$ 38,500	\$ 21,620	\$21,620 (Strathroy-Caradoc)
485 - McEwen	\$ 12,200	\$ 12,900	\$11,610 (Plympton-Wyoming)
486 - Mclean	\$ 19,200	\$ 27,100	
489 - Highland Glen	\$ 10,000	\$ 10,000	
493 - Dodge	\$ 900	\$ 500	\$500 (Lambton-Shores)
Total	\$ 1,099,700	\$ 1,163,620	\$ 68,530

Notes:

Regional Conservation Areas (A.W. Campbell, L.C. Henderson, Warwick, Highland Glen)

Local Conservation Areas (Shetland, Wawanosh, McEwen, Clark Wright)

In Town Conservation Areas (Strathroy, Coldstream, Dodge, Stranak, Crothers, Bridgeview)

Detailed budgets for specific conservation areas available upon request.

The areas are supported by employment programs, fundraising, friends of groups, St. Clair Region Foundation and grants programs from corporate and non-profit organizations.

Non-Matching General Levy	Revenues	Foundation	Other Donations	Grant Seasonal Employment
\$ 1,100				
		\$ 500		
\$ 1,000				
		\$ 750		
	\$ 285,500		\$ 8,000	\$ 2,000
	\$ 7,550			
	\$ 475,900		\$ 500	
	\$ 272,900			\$ 1,000
\$ 1,290				
	\$ 27,100			
\$ 10,000				
\$ 13,390	\$ 1,068,950	\$ 1,250	\$ 8,500	\$ 3,000

Summary of Authority / Foundation Land Holdings

Hectares

Conservation Lands	556
Conservation Forests	81
McKeough Upstream Lands	746
McKeough Dam & Channel	236
Foundations Lands	317
Total	1936

Flood Easements 647

To ensure the wisest use of these lands, the Authority works with the public and private sectors by entering into various lease agreements including agricultural, residential and other resource management leases. 918 hectares are under lease.

2016 Proposed Municipal Funding
 Schedule "C"

Municipality	2015	2016	2015/2016	2015	2016
	CVA Apport.%	CVA Apport.%	Increase or (Decrease)	General Levy	Proposed General Levy
Adelaide Metcalfe Tp	1.6777%	1.7019%	0.0331%	\$ 11,768	\$ 12,525
Brooke-Alvinston Tp	1.5786%	1.5889%	0.0010%	\$ 11,073	\$ 11,693
Chatham-Kent M	13.2456%	13.3292%	0.0328%	\$ 92,912	\$ 98,092
Dawn-Euphemia Tp	2.4448%	2.4264%	-0.0234%	\$ 17,149	\$ 17,856
Enniskillen Tp	1.7198%	1.7188%	-0.0115%	\$ 12,064	\$ 12,649
Lambton Shores M	4.8604%	4.9050%	0.0004%	\$ 34,094	\$ 36,097
Middlesex Centre Tp	2.0592%	2.1038%	0.0275%	\$ 14,444	\$ 15,482
Newbury V	0.1571%	0.1525%	0.0005%	\$ 1,102	\$ 1,122
Oil Springs V	0.2017%	0.1981%	-0.0007%	\$ 1,415	\$ 1,458
Petrolia T	2.4151%	2.4281%	-0.0102%	\$ 16,941	\$ 17,869
Plympton-Wyoming T	5.0158%	5.1115%	0.0397%	\$ 35,184	\$ 37,617
Point Edward V	2.3980%	2.3998%	0.0020%	\$ 16,821	\$ 17,661
Sarnia C	39.8381%	39.6247%	-0.1359%	\$ 279,446	\$ 291,606
Southwest Middlesex M	1.1235%	1.1343%	0.0106%	\$ 7,881	\$ 8,348
St. Clair Tp	11.1080%	10.9174%	-0.0165%	\$ 77,918	\$ 80,343
Strathroy - Caradoc Tp	8.1475%	8.2388%	0.0508%	\$ 57,151	\$ 60,631
Warwick Tp	2.0091%	2.0210%	0.0052%	\$ 14,093	\$ 14,873
				\$ 701,455	\$ 735,920

2015/2016 Increase or (Decrease)						
	3D Mapping	Lake Huron Shoreline Mgmt	Flood Control Oper/Maint	Erosion Control Oper/Maint	Recreation	Total Municipal Funding
\$ 756	\$ 766					\$13,290
\$ 620	\$ 715					\$12,408
\$ 5,180	\$ 5,998		\$39,000	\$1,500	\$11,950	\$156,540
\$ 707	\$ 1,092				\$9,900	\$28,848
\$ 585	\$ 773					\$13,422
\$ 2,003	\$ 2,207	\$ 10,000			\$500	\$48,804
\$ 1,038	\$ 947				\$1,300	\$17,729
\$ 20	\$ 69					\$1,191
\$ 43	\$ 89					\$1,547
\$ 928	\$ 1,093				\$900	\$19,862
\$ 2,433	\$ 2,300	\$ 10,000			\$11,610	\$61,527
\$ 840	\$ 1,080			\$2,000		\$20,741
\$ 12,160	\$ 17,831	\$ 10,000		\$15,000	\$9,000	\$343,437
\$ 467	\$ 510					\$8,858
\$ 2,426	\$ 4,913		\$2,000	\$1,000		\$88,256
\$ 3,480	\$ 3,707			\$1,000	\$23,370	\$88,708
\$ 780	\$909					\$15,782
\$ 34,466	\$45,000	\$30,000	\$41,000	\$20,500	\$68,530	\$940,951

St. Clair Conservation Conservation Areas 2016 Proposed Capital Projects

Warwick Conservation Area

Pool Renovations:

- The pool was constructed in 1994 and recently the ceramic tiles have started to fall off exposing the underlying concrete and the interior plaster surfacing has become pitted and worn
- The renovation would involve the removal of all tile and interior plaster surfacing and then replaced with new 2 x 2 porcelain tile and coloured quartz surfacing
- LC Henderson pool was similarly renovated in 2011
- Estimated cost \$28,000



Upgrade roadways with gravel:

- Estimated cost \$4,000

Picnic tables and site indicators:

- Purchase 5 new picnic tables
- Estimated cost \$1,500

Upgrade WIFI system:

- Installation of new technology and fiber optic cable to accommodate the current demand within the campground
- Estimated cost \$15,000

Total capital cost for Warwick: \$48,500

L.C. Henderson Conservation Area

Accessible washroom building:

- This would be a prefabricated 8 x 8 ft building located between two main camping areas and would have a flush toilet and accessible sink
- The building would be designed to meet AODA standards and requirements
- Estimated cost \$16,000



Pool Renovations:

- Replacement of pool fence (current fence installed in 1990 shows significant rusting)
- Replacement of original ladders and entrance railings
- Estimate Cost \$5,000

Upgrade roadways with gravel:

- Estimate cost \$5,000

Picnic Tables:

- Purchase 5 new picnic tables
- Estimated cost \$1,500

Total capital cost for L.C. Henderson \$27,500

A.W. Campbell Conservation Area

Workshop Addition:

- Construct a 12 x 34 ft addition onto the existing workshop to facilitate a superintendent's office, staff lunchroom and storage.
- Currently the superintendent's office and staff room is located within the workshop area where there are customer service and health & safety issues
- Estimated cost \$15,000



Upgrade roadways with gravel:

- Estimated cost \$4,000

Picnic tables:

- Purchase 5 new picnic tables
- Estimated cost \$1,500

Washroom Upgrade:

- Propose to install two shower surrounds in each washroom at the pool washroom building
- Estimated cost \$5,000

Total capital cost for A.W. Campbell Conservation Area \$25,500.00

Total Proposed capital \$ 101,500.00.



St. Clair Region Conservation Authority
205 Mill Pond Crescent, Strathroy, Ontario, N7G 3P9 (519)
245 – 3710 (519) 245 – 3348 FAX

stclair@scrca.on.ca

www.scrca.on.ca

member of



Conservation Ontario Website
www.conservation-ontario.on.ca

October 9, 2015

St. Clair Conservation Authority
205 Mill Pond Crescent
Strathroy, ON N7G 3P9

Attention: Steve Arnold, Chair

Dear Mr. Arnold:



On Monday, June 22, 2015 Council directed all municipal departments and requisitioning bodies to prepare draft 2016 budgets for Council's consideration with:

- A starting position of a net tax impact not to exceed the Bank of Canada target inflation rate of 2.0%

In order to achieve Council's direction, we are asking your organization to include the following information in your 2016 budget requests:

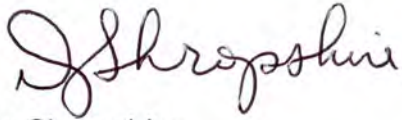
- a) The minimum resources required to deliver the same base level of services that were delivered in 2015.
- b) If a) above is greater than 2015's requirement, please provide descriptions and costings of service level adjustments (in increments of 0.5% of your 2016 request) that Council can consider implementing in order to achieve its budget target of 2.0%
- c) For any new levels of service or special projects being proposed for 2016, please provide the following:
 - a. A detailed description and costing of the proposed service/project
 - b. Options to offset the additional resources needed by reducing an existing service(s) that is not already included in b) above.

Please be assured that Council is keenly aware of the operating pressures your organization continues to be faced with as you delivery services to our citizens. Today's economic climate is once again forcing Council to ensure it has all the information required to allocate scarce resources to a myriad of municipal service challenges.

In order to meet our 2016 budget time line, we require your 2016 budget proposal, complete with the options described above, by Friday, November 6, 2015.

Thank you for your continued support. If you have any questions or concerns, please don't hesitate to contact me or applicable staff.

Sincerely,

A handwritten signature in cursive script that reads "D Shropshire".

Don Shropshire
Chief Administrative Officer
Municipality of Chatham-Kent
email don.shropshire@chatham-kent.ca

mk/mm

C Mike Turner, Chief Financial Officer & Treasurer
Mary Lou McLeod, Director, Budget & Performance Services

**SCRCA Joint Health & Safety
Committee Meeting
Minutes – Monday, June 15, 2015, 8:30 am**

12.(vi)

Lower Board Room
205 Mill Pond Crest.
Strathroy, ON

Meeting called by:	JHSC Committee	Type of meeting:	Quarterly
Facilitator:	Steve Clark	Minutes:	Dallas Cundick
Attendees:	Kevan Baker, Steve Clark, Jeff Sharp, Don Skinner, Dallas Cundick (recorder)		

Minutes of Agenda Items

1. Approve March 18, 2015 meeting minutes

Motion: that "The Minutes of the March 18, 2015 meeting be approved as printed.

Moved/Seconded/Carried – Jeff/Don/Carried

2. Business arising from the minutes

2.1. Review of Action Items

Steve Clark:

- formatting of a change log in the Health & Safety Manual with * to indicate areas of change (*March 18, 2015 - item 2.1- Steve*)

Discussion:

- to capture updates in policy manual to record revisions;
- procedure will take original text and put in change log and update to new text in policy document
- this has been discussed as admin. procedure for Heather to implement;
- current updates needing to be made to Appendix 27 re: boat operations and ice management
- in future if time sensitive updates are required could be a sub-committee meeting to review and approve rather than wait for next (3 month) JHSC meeting

- review & update of ice monitoring policy and planned staff training video for full staff meeting (*March 18, 2015 - item 2.1 – Steve & March 18, 2015 – item 4.2*)

Discussion:

- sec A.27 re: boating and ice has been updated;

Action Item(s):

- Ice monitoring staff training video to be scheduled - **Kevan Baker**
- establish sub-committee for time sensitive policy approvals – **JHSC Committee**

- Vehicle Procedure training/testing (*March 18, 2015 - item 2.1 – Kevan & Jeff*)

Discussion:

- has been incorporated into staff training for those who drive vehicles
- completed tests have been marked, documented, scanned and saved for each employee

- process to schedule meeting recorders (*March 18, 2015 - item 5*)

Discussion:

- completed - will run alphabetical through the staff list, not including park staff

Kevan Baker:

- AED training status for staff at LCH (*March 18, 2015 - item 2.1 - Kevan*)

Discussion:

- Scheduled for June 16th

- follow-up of outstanding Incident/Injury Investigation Report Form related to poison ivy (*Dec. 4, 2014 - item 4.1 & March 18, 2015 – item 2.1 - Kevan*)

Discussion:

- received and filed;

- progress of production of staff training poster on poison ivy (*March 18, 2015 - item 2.1 - Kevan*)

Discussion:

- updated from OMAFRA publication;

- do we need similar information sheets for other health concerns;

Action Item(s):

- poster to be sent out to all staff & added to bulletin boards - **Kevan/Heather**;
- review and possible removal of dead & dying trees around Strathroy office building (*March 18, 2015 - item 3.2*)

Discussion:

- can designate forestry staff to complete;

Action Item(s):

- **Kevan** to take to supervisors meeting and have officially done
- discussions with Tracy re: repair of hole in Strathroy office parking lot (*March 18, 2015 - item 3.2*)

Discussion:

- repair completed with hole patch, may need more repair over the summer;
- new chair for Sarah K. (*March 18, 2015 - item 3.2*)

Discussion:

- completed
- training sessions for new staff (*March 18, 2015 - item 3.3*)

Discussion:

- completed in March, May, and June
- next Wednesday for summer staff;
- information communicated to staff re: fire exits during construction (*March 18, 2015 - item 4.3*)

Discussion:

- updated exits were discussed with staff during construction

Jeff Sharp:

- review of Ministry of Labour website as it relates to JHSC Goals and Objectives for 2015 – item 5.1 (*March 18, 2015 - item 2.1 - Kevan*)

Discussion:

- Section 5 describes recent incidences and fines, most are out of Toronto;
- i.e. #1 - fine of \$70,000 for worker with fracture (forming, piece of form broke support 4x4 and fell on leg), fined b/c equipment using was not sufficient for the job - need to use appropriate equipment;
- i.e. #2 - \$50,000 fine for rope burn on hands while doing elevator repair - pulley failure, no guard to pinch point - again appropriate equipment,
- good information to increase staff awareness - remind to use guards and equipment as designed

Action Item(s):

- during site inspections make sure equipment has guards and that these are being used, and that health and safety policies are being followed, constant reminders; – **All Staff**

Don Skinner:

- Level 1 Certification Training (*Dec. 4, 2014 - item 4.4 & March 18, 2015 - item 2.1 - Don*)

Discussion:

- received email that training cancelled, Don is looking for another course, don't offer in the summer, looking like Sept. or Oct.;

Action Item(s):

- will be registered in the first available course - **Don**;

3. Area Reports/Workplace Inspections

3.1. Watershed Services (Steve C.)

3.2. Workplace Inspections (Steve C./Jeff)

Discussion:

- first rounds were completed at all locations (McKeough, LCH, WWK, CW, AWC, McLean), with exception of the Strathroy office;
- regulation indicates one workplace must be inspected each month;
- noticed on schedule that no inspections were completed in Jan. Feb. March. etc.
- concerns discussed around the efficiency of inspection schedule and the scope as per the OHSA
- workplace is the work buildings, the workshop – does not expanded beyond to tree planting sites or water sampling areas
- parks open March to November - need inspections semi-annually as per requirements;

- schedule for other workplaces should be fit into other months;
- talked about need to maintain WHMIS labels in all locations;
- talked about different workplace conditions - every tree planting site, creek etc. and inspections;
- discussion on gas storage, need to designate an area and area needs to be vented;
- loose sign found at Clark Wright

Action Item(s):

- **Kevan /Steve** to update inspection schedule to ensure one inspection is scheduled per month and that each location is inspected at least twice per year;
- **Kevan** to conduct workplace inspections at all parks and the McLean property, accompanied by **Don Skinner and Superintendent for that area**, based on a semi-annual schedule effective for the remainder of 2015
- **Jeff** to do inspections at Strathroy office, Clark Wright and McKeough
- **Jessica** to install loose sign at Clark Wright
- **Kevan** to remind all staff to keep WHMIS labels up to date
- **Kevan** to work with staff at McLean to develop gas storage area with venting

3.3. General CAs (Kevan/Don)

3.4. Other Departments

4. New Business

4.1. Review of Incident/Injury Investigation Reports since March 18, 2015 meeting (**Steve C.**)

Discussion:

- 3 reports:
- one was poison ivy from 2014 (see item 2.1 Kevan);
- one involved tree planting - something in eye, no loss time, no doctors visit, no further action;
- one involved removing mud from packer wheels, hand hit back steel and removed some skin,
 - band aids, wash, no loss time, no doctors, wife a nurse, no further action;
 - completed a Form 6, kept on file, operator error should have been wearing provided PPE;

4.2. Review of information on Vector Borne Diseases sent to SCRCA from Health Unit. (**Steve C.**)

Discussion:

- Lyme or West Nile;

Action Item(s):

- have **Rick** or **Heather** forward any bulletins related to vector borne disease to staff;

4.3. Review of Health & Safety Policy, Harassment Policy and Harassment Procedure – to be signed for copying and posting on H & S bulletin boards

Discussion:

- minor changes to the Health and Safety Policy Statement were discussed.

Motion: "That the revised Health and Safety Policy Statement be accepted as revised."

Moved/Seconded/Carried – Jeff/Don/Carried

Action Item(s):

- **Heather** to update in section 1.0 of Health & Safety Manual and print copies for posting on Health & Safety Boards
- **JHSC** to review Harassment Policy and Procedures for copying and posting on bulletin boards
- no action - satisfied that this remains as an Administrative Policy;

4.4. Chainsaw certification and recertification (**Don S.**)

Discussion:

- discussion has occurred with park workers
- OH&S says need to be trained and does not note recertification requirements;
- all staff felt adequately trained in chain saw certification, no further training required at this time

4.5. Review of Vehicle Procedures Policy – steps/reminders to be communicated to staff (**Steve C. & Jeff**)

Discussion:

- concerns:
 - driving with materials on the dashboard
 - vehicles not being backed into spots so hood area is accessible for potential maintenance
 - removing keys from ignition when leaving vehicle
 - locking doors if leaving the vehicle;
 - determining if a vehicle should be driven if there is a leak (major and minor defect guideline

- does not classify type of leak);
- field and parks staff do not have access to documents on O drive which makes access to policies (especially policies that change) a challenge

Action Item(s):

- **All Staff** who identify a leak from a vehicle to report this to their supervisor who will determine if the vehicle should be driven
 - **Heather** to place Vehicle Policy into all vehicles and update as changes are made
 - **Steve C.** to review the **Vehicle Policy** to reflect more specific info. on minor and major defects
 - **Kevan & Don** to identify way for off-site staff to access Policies and Procedures
- 4.6. MSDS for new products being used in dishwasher (**Steve C.**)

Discussion:

- Two new products for dishwasher (dishwasher detergent & rinse agent);
 - MSDS for both products have been filed in MSDS book and placed in page protector inside the kitchen cupboard where product is stored
- 4.7. MOL Bulletin - Summer Inspection Blitz Targets New and Young Worker Safety

Discussion:

- beginning May 1/15 inspectors will check that employers are complying with Ontario's OH&S act

5. Goals and Objectives in 2015

- 5.1. To regularly review MOL website to educate ourselves and learn from documented investigations and fines (ongoing)
- 5.2. To review Safety Manual and make changes as necessary (ongoing)
- 5.3. To appoint a worker rep. in October, 2015 for a 3 year term (to replace Steve Clark)
- 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 a month (ongoing)
- 5.8. To incorporate the drivers' safety training program into our orientation of all staff (in process)
- 5.9. To send occasional Health & Safety Bulletins to all staff (Cold Weather Alerts, Vector Borne Diseases forwarded to all staff as received from Lambton Public Health)

6. Future 2015 meeting dates:

- Wednesday, September 23 – Steve to chair - (moved from Sept. 16, 2015)
- Wednesday, November 25 – Kevan to chair

7. Adjournment – 11:00 am

Motion: that "The meeting be adjourned." **Moved/Carried – Steve C**

Misc. Information

Contacts:	Worker Co-chair/Inspector:	Steve Clark	sclark@scrca.on.ca
	Management Co-chair:	Kevan Baker	kbaker@scrca.on.ca
	Worker Reps.:	Steve Clark	sclark@scrca.on.ca
		Jeff Sharp	jsharp@scrca.on.ca
		Don Skinner	dskinner@scrca.on.ca
		Heather Long	hlong@scrca.on.ca
	Committee Secretary:	Heather Long	hlong@scrca.on.ca
	Meeting Secretary	Dallas Cundick	dcundick@scrca.on.ca

Kevan Baker

Signature of Co-chair

Steve Clark

Signature of Co-chair

Oct 21 / 2015

Date

Oct 20 / 2015

Date

Staff Report

12. (vii)



To: Board of Directors
Date: October 22, 2015
From: Marlene Dorrestyn, Administrative Executive Assistant
Subject: Nominating Committee

The Nominating Committee meets the end of January/early February (tentatively February 4, 2016) and recommends directors to serve on various Committees.

Executive Committee

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

Flood Action Committee

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

Low Water Response Committee

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

2015 Nominating Committee consisted of:

Sarnia – Anne Marie Gillis
Lambton – Netty McEwen
Chatham-Kent – Joe Faas
Middlesex – Norm Giffen
Authority Chair, ex officio
Authority Vice Chair, ex officio

Staff Report

12. (viii)



To: Board of Director
Date: October 22, 2015
From: Marlene Dorrestyn, Administrative Assistant
Subject: 2016 Tentative Schedule of Meetings

Board of Directors:

February 18 (3rd Thursday) - Annual General Meeting (Coldstream)
April 21 (3rd Thursday)
June 23 (4th Thursday)
September 15 (3rd Thursday)
November 10 (2nd Thursday)
December 8 (2nd Thursday)

Executive Committee: at the call of the chair.

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

Flood Action Committee: January 14 (2nd Thursday) and at the call of the Chair

Low Water Response: May 19 (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.

**2015 GENERAL LEVY SUMMARY
AS OF Oct 27 2015**

**GLYSUM2015
Sarah Kellestine
27-Oct-15**

MUNICIPALITY	GROSS LEVY	PAID TO DATE	OUTSTANDING
-----	-----	-----	-----
Sarnia	\$ 278,903.00	\$ 209,177.25	\$ 69,725.75
Chatham-Kent	93,268.00	93,268.00	0.00
Brooke-Alvinston Twp.	11,138.00	11,138.00	0.00
Dawn Euphemia Twp.	17,184.00	12,888.00	4,296.00
Enniskillen Twp.	12,137.00	12,137.00	0.00
Lambton Shores M.	34,404.00	34,404.00	0.00
Oil Springs V	1,394.00	1,394.00	0.00
Petrolia T	17,104.00	17,104.00	0.00
Plympton-Wyoming T	35,576.00	17,788.00	17,788.00
Point Edward V	16,819.00	16,819.00	0.00
St. Clair Twp.	76,733.00	76,733.00	0.00
Warwick Twp.	14,140.00	14,140.00	0.00
Adelaide Metcalfe Twp.	11,706.00	11,706.00	0.00
Middlesex Centre Twp.	14,564.00	14,564.00	0.00
Newbury V	1,066.00	1,066.00	0.00
Southwest Middlesex M.	7,882.00	7,882.00	0.00
Strathroy-Caradoc M.	57,435.00	57,435.00	0.00
TOTAL	\$ 701,453.00	\$ 609,643.25	\$ 91,809.75
	=====	=====	=====

Staff Report 13. (i)



To: Board of Directors
Date: October 29, 2015
From: Rick Battson
Subject: Communications Progress Report

Conservation Awards

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

Memorial Forest Dedications

From September 2014 – August 2015, 561 trees were dedicated. 510 of these trees were through funeral home partnerships and 51 were through individual donations to the program.

Two dedications were held in the month of September. The McKenzie and Blundy dedication was held on September 20 at the Wawanosh Wetlands Conservation Area. Steve Arnold brought greetings from the Foundation and Authority. Approximately 600 people attended. The Foundation's dedication was held on September 27 at the Lorne C. Henderson Conservation Area. Duncan Skinner (president of the Foundation and Steve Arnold provided the remarks. Approximately 130 people attended.



To date, 13,405 trees have been dedicated at 45 sites throughout our region.
McKenzie and Blundy Funeral Home – 6,795 trees dedicated (242 in 2015)
Denning Brothers Funeral Home – 2,657 trees dedicated (172 in 2015)
Nicholls Funeral Home – 1,947 trees dedicated (96 in 2015)
Dodge/Denning Funeral Home, Forest – 531 trees dedicated
Individual Donations – 1,856 trees dedicated (51 in 2015)

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.

- \$6,000 for trails at Conservation Areas
- \$8,000 to finance an intern position
- \$5,000 to support the 3D mapping project
- \$5,000 to support water quality monitoring
- \$8,000 for fishing platforms and dock

Conservation Education Fundraising

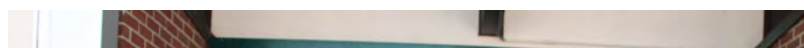
One of the main Authority programs supported by the Foundation is Conservation Education. This support includes efforts to secure funds from corporate donors, special events and from support through the bingo program. In addition, the Conservation Authority applies for government grants to support the education program. Support in 2015 included:

Sarnia-Lambton Environmental Association: SLEA will continue its funding of the *River Bottom Critter* and the *Go With The Flow Groundwater* programs in the amount of \$30,000. The *River Bottom Critter* program is targeted at grades K – 10 and the *Go With The Flow Groundwater* program at grades 4 – 8.

Enbridge: Enbridge is ending its support of conservation education. They have completed their 3 year commitment of \$10,000 per year for the Alternative Energy Education Program. The program focuses on the science of solar and wind power and discusses the pros and cons of these forms of alternative energy sources. The program is targeted at grade 2 and 4 – 12 and will be offered free of charge until the end of 2015. After that date if another sponsor is not found, the program will be offered for a fee. We are looking at an application to Dupont to fund this program.

Union Gas: Union Gas continued its support the *Spring Water Awareness* Program in 2015 in the amount of \$5,000. Union gas has supported this program for 5 years. This program targeted at grades K – 6.

Friends of the St. Clair River: The FOSCR is providing \$2,000 to support an in-class program called the *River RAP*. This program is introduced using the RAP video supported by the Foundation in previous years. This program is targeted at grades 8 – 10. We have requested for an additional \$2,000 to help with the shortfall in fees caused by the elementary teachers work action.



Lake St. Clair Conference

The SCRCA participated in the organization of the Lake St. Clair Conference in Chatham on October 21. The Lake St. Clair conference, held every two years, provides a binational forum to exchange information on Lake St. Clair's changing environment and the actions and tools needed to manage these changes. The conference offers a valuable opportunity to learn more about Lake St. Clair and helps facilitate collaborative efforts for the implementation of actions. The conference was organized through a partnership with Environment Canada, Ontario Ministry of the Environment and Climate Change, Michigan Department of Environmental Quality, United States Environmental Protection Agency, and the Lake St. Clair Canadian Watershed Coordination Council. Approximately 80 people attended.

Staff Report 13.(ii)



To: Board of Directors
Date: October 29, 2015
From: Sharon Nethercott, Melissa Gill
Subject: Conservation Education Progress Report

Fall Education Programs

Despite the current work to rule by the Elementary Teachers Federation of Ontario, staff have been very busy facilitating in school programs. High school and private school field trip bookings to L. C. Henderson C.A. were scattered throughout the fall season. In-school programming included Alternative Energy Solutions, Groundwater, Aquatic Species At Risk, and River Rap.

Events

Henderson Geocaching Event, September 20:

A beautiful day was forecast for the 7th annual event which attracted over 50 enthusiastic geocachers. Many participants were impressed by the trails and campground facilities. Participants came from as far away as Huntsville, Tobermory, Windsor, London and Port Huron.

Children's Water Festival: Due to the elementary teacher work to rule, the festival was cancelled this year. It is expected to return in the fall of 2016.

Mini Rekindle the Spark Workshop: Staff visited Fanshawe Conservation Area to learn about a new Ministry of Education Initiative. The Specialist High Skills Major (SHSM) allows high school students to earn additional qualifications on their graduation diploma. Conservation Authorities already offer many programs that fulfill requirements for varying SHSM topics. We discussed ways that we could incorporate our programs to fit their needs.



Lambton Upland Game Bird Youth Day, August 29: Staff assisted the Lambton Upland Game Bird Chapter with their annual 'Kid's Day' at the Lambton Conservation Club. 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 luck would have it we also found a snake in our hunt allowing the important role of reptiles in our watershed to be discussed. Approximately 60 kids participated in the day.

Fall Fairs: Wyoming Fair, September 15 and Brigden Fair, October 9: Staff participated in 'Agriculture in the Classroom' by running an education station. Students learned about beneficial insects and their potential as a tool for farming. The importance of pollinators as natural predators was discussed. Kids were given a chance to hold a praying mantis, one of our largest and more personable insects!! The number of students participating was low due to the 'work to rule' situation with the public school teachers. Wyoming fair was cancelled and Brigden Fair hosted only 7 schools.

Species at Risk Program, Kettle and Stony Point First Nation, October 14 and 28: Funding to support these presentations was obtained through AFSAR. Education staff worked in cooperation with SCRCA staff biologists. Two outdoor and two indoor sessions were taught for Gr 3, 4 and 5 students. The educational focus of the outdoor sessions emphasized the role of aquatic invertebrates as a food source and as indicators of water quality. The children visited Shashawanda Creek in their rubber boots to 'fish' for bugs in the stream! The indoor sessions included a role playing 'habitat' game, a clay play craft and a story about a little Blanding's Turtle whose home was at risk of destruction.

Reptiles at Risk, Hickory Creek: North Lambton Secondary School, October 22: Education staff and SCRCA biologists facilitated a program for Grade 12 Biology students. The program, in its fourth year, is designed to be a hands-on project in which students assess and improve reptile habitat. The students were involved in a stream assessment to determine the overall health of Hickory Creek and to better understand the presence or absence of reptiles on the property.

Community Partnerships

Lambton Wildlife Inc. - Young Naturalist and Junior Conservationists: SCRCA continues to sponsor this program and assist in running the two groups; Young Naturalists (age 6-11) and Junior Conservationists (age 12+). Both groups meet once per month at local wild spaces to learn about conservation, habitats and species at risk in the watershed. Overall, approximately 35 youth and their families benefit from these monthly meetings. During September's indoor meeting, LWI members were shown highlights of activities through a power point presentation and learned about the partnership between LWI and SCRCA.

Return the Landscape: One staff person continues to sit on the Return the Landscape Committee. This Group aims to rescue native flora from development sites and replant them within native landscapes in Lambton County.

Conferences:

Project Wild Workshop: June 29-30th, 2015 – Attended workshop to gain certification as a Project Wild Facilitator. SCRCA staff are now qualified to offer ‘Project Wild’ training to local groups as well as Specialist High Skills Major students in our watershed.

SHSM Workshop for Outdoor Educators: July 17-18th, 2015 – Attended conference held by Toronto Region Conservation Authority in co-operation with Ministry of Education and Ministry of Environment. The conference focused on how Conservation Authorities can help to meet the needs of high school students enrolled in ‘Specialist High Skills Majors’ in our watersheds.

Staff Report 14. (1)



To: Board of Directors
Date: October 30, 2015
From: Rick Battson, Brian McDougall
Subject: Source Water Protection

The Ontario Minister of Environment and Climate Change has approved our plan to protect sources of drinking water in the Thames and Sydenham region.

The Thames-Sydenham and Region Source Protection Plan was developed by local municipal, First Nation and community partners and will take effect December 31, 2015.

The plan development began in 2007 with the recruitment of 25 very dedicated committee members from across the region who represented our local population and economy. Understanding our sources of municipal drinking water and how vulnerable those sources are to human activity is very important. For many significant threats, the committee chose to use a new tool, the Risk Management Plan, which allows a risk management official and the landowner to negotiate a risk reduction strategy.

Provincial ministries, municipalities, and Conservation Authorities each have a role in implementing the Source Protection Plan. The Province will use existing approval mechanisms to ensure that risk is managed. Municipalities will use new tools to reduce risks to municipal drinking water sources. Risk Management Plans to be developed cooperatively between municipalities and landowners will require the use of established best management practices to reduce risks to drinking water sources. In areas upstream of municipal drinking water intakes, Risk Management Plans may cover activities such as the large-scale handling and storage of fuel or fertilizer. Conservation Authorities will be supporting municipalities by providing expertise and outreach resources.

The local Source Protection Plan will be reviewed in three years and updated if appropriate.

Petrolia's Trottier and Fraser leads Preds to three-point week

Independent Staff

Brenden Trottier had a goal and two assists, but the Lambton Shores Predators fell to Strathroy 5-4 in overtime in the Preds home opener in Forest last Saturday.

Another P-town product Ryan Fraser also scored for Lambton Shores (2-1-0-1), while former Alvinston Flyer Matt Laberge had a second period powerplay goal for the Rockets.

Last Thursday, the Preds beat the

Legionnaires, 3-2 in Sarnia.

Fraser had an assist for Lambton Shores, while Petrolia's Ryan Trottier and Hunter Tyczynski both registered helpers for Sarnia.

Meantime, it'll be a busy week for Lambton Shores.

They are in London on Wednesday, at home to St. Marys on Saturday at 7:30 pm and in Strathroy on Sunday.

Sarnia (1-2) hosts St. Thomas on Thursday and visits Chatham on Sunday.

Several area players named to elite baseball academy rosters

Daniel Gibson of Wyoming and Petrolia's Peter Buckley have been named to the 14U roster with the Great Lakes Baseball Academy for the 2015-16 season.

Other local players named to various

other rosters with the London-based academy are Curtis Helps, Ty Barclay, Derek Smith and Noah Myers, all of Wyoming, Bridgen's Garrett Miller and Jordan Marks of Bright's Grove.



Cara Vosburg Photo

Debbie Gibson uses a handheld GPS unit to search for one of the geocaches hidden at Lorne C. Henderson Conservation Area during Sunday's geocaching adventure.

High-tech treasure hunt

Cara Vosburg
The Independent

A group of treasure hunters descended on Lorne C. Henderson Conservation Area Sunday but instead of carrying shovels and maps marked with an X, they were armed with GPS devices.

The St. Clair Region Conservation Authority hosted a geocaching adventure. The concept of geocaching is fairly simple. A container (cache) is hidden and then its coordinates are shared. Participants use these coordinators and a GPS unit to locate the hidden item.

Once an item has been located, the finder adds their name to a log inside the cache and returns the cache to its original location for the next person to find. To get started, all you need is a smartphone or GPS unit and a membership to geocaching.com. The basic membership is free and enables users to access the coordinates of more than two million geocaches worldwide.

"Geocaching takes me to so many places I didn't know existed," says Sharon Nethercott, Conservation Education Coordinator and organizer of Sunday's event.

Nethercott has been participating in geocaching since 2008. She says hosting the event at Lorne Henderson is a good way to get people out on the trail to see what the conservation area has to offer. It's also a good opportunity to meet other people who are interested in geocaching, she says.

People from Tobermory, Huntsville, London, and Windsor drove to Petrolia to search for 24 geocaches in the conservation area. The caches will remain hidden for one year, so other geocachers can find them.

Although some of the caches contain only the log, others contain small tradeable items. The finder can take an item as long as they replace it with something else. There is also a special category of items called "travel bugs." Travel bugs can be any item attached to a dog tag with a tracking number. Travel bugs are meant to be taken from one location and hidden in another, with the new coordinates logged online.

Nethercott hid a travel bug—a moose finger puppet that she named Carl the Moose—in a cache in Marthaville in 2009. Carl the

Moose travelled throughout North America for about a year before departing for Europe. He can currently be found in Turkey. "I've never been on a cruise, but he has," jokes Nethercott. She receives an email notification every time someone logs a new location for Carl.

Debbie Gibson, who lives near Exeter, attended the event with her husband. They've been geocaching for about nine years. She says the tradeable items are a great way to get the kids interested. Geocaching is a great way to get outside and explore new places, she says. The Gibsons even spent time geocaching in Italy while on vacation there.

Some caches are easier to find than others, but they are hidden above ground—with a few exceptions that would require scuba gear to retrieve. All that's really required beyond the membership and GPS is preparation for being outdoors, patience, and a willingness to think outside the box, says Nethercott. If you're wandering in an unfamiliar area, it's a good idea to input your car's location in the GPS and take along a spare set of batteries, she adds.

HOLE IN ONE



Submitted Photo

Gary McCallum had a great day of golf during the Heritage Cup at the Heritage Heights Golf and Country Club this weekend. McCallum had a hole in one on Saturday at the third green which is 195 yards. He and his team—Brian Hind, Frank Egan and Tony Samela—also won the Heritage Cup over Team Englehart. Forty-four people played in the Heritage Cup—a fundraiser for the Petrolia Food Bank. Golfers collected food and cash to participate in the event.

Babula leads Sarnia to Michigan Cup victory

Wade Babula of Petrolia tossed a complete game four-hitter to lead the Sarnia Braves to a 3-0 win over St. Clair Shores Red Birds in the final of the season ending Michigan Cup baseball tournament last Sunday.

Babula struck out nine in the process.

CORRECTION

In our story last week about area players on rosters of Greater Ontario Junior Hockey League teams, we inadvertently missed Wyoming's Eric Marsh who is playing with the Sarnia Legionnaires this season.

We apologize for the omission.

Switch Off Oil

and onto SAVINGS

Back by customer demand

Save up to 30% on future energy bills!

Heat with clean efficient propane
Lower Insurance and Maintenance costs
No future costs for oil tank upgrades
Safe, economical, convenient, reliable
Environmentally friendly

Contact your local
Dowler-Karn branch
for complete details
info@dowlerkarn.com
www.dowlerkarn.com

DOWLER-KARN

PROPANE • FUELS • LUBRICANTS

Conservation area offers explorers new challenges

Brent Boles
The Topic

Amateur explorers will have the opportunity to put their skills to the test this weekend as the Lorne C. Henderson Conservation Area gets set to host its annual geocaching event.

Geocaching refers to a sort of real life treasure hunt, where participants armed with GPS trackers head out in search of coordinates where organizers have hidden an object. Often, that object is simply a logbook that successful searchers can sign and leave for the next person.

The activity has grown in popularity over the last decade as GPS capabilities have become standard in phones but organizers at the Petrolia area facility were quick to jump on the bandwagon.

"This is the seventh year," said organizer Sharon Nethercott. The event, scheduled to run on Sept. 20 between 9 a.m. and 3 p.m., is open to seasoned exploring veterans and newcomers alike.

"They can have a chance to experience this treasure hunt in the conservation area."

Organizers will be using the opportunity to publish 20 new geocaches, which will remain in effect



Submitted photo

Sharon Nethercott has set up a number of geocaches across the conservation area.

throughout the year.

"I have to archive my old geocaches... there's rules about how close they can be to one another," said

Nethercott.

Admission to the park is free for the event and Nethercott encouraged people to give the activity a shot

— though she offered a warning from personal experience.

"I freely admit that I'm addicted to it," she said. "We find new areas for walking

that we never knew existed before."

The activity can be an especially fun one for families, she added. Based on

past years, she estimated that at least 60 participants have come out if the weather stays clear.

But those that miss the opportunity are still welcome to explore and search for the clues throughout the year. People come from as far as Windsor and London to take part, she said.

"There's a wide area."

With 20 challenges scattered throughout the site, completing all of them can take some time.

"There's varying degrees of difficulty. Some are close to the building," while others are much further back, she said.

"You could spend the whole day and not find them all."

That's especially true for those that take their time and enjoy the social aspect — stopping to chat with other explorers.

Those that are concerned about not having a GPS need not worry, organizers say they will have a limited number of receivers available to borrow for the adventure.

The site will also be hosting a potluck lunch to mark the occasion.

Anyone interested in more information can contact Nethercott at 519-882-2399. brent.boles@sunmedia.ca

INFRASTRUCTURE: Repairs being made to section of severely-deteriorating Bright's Grove shoreline

Measures being taken to protect shoreline

BARBARA SIMPSON
The Observer

Efforts are underway to protect a severely-deteriorating section of the Bright's Grove shoreline.

A city-hired contractor is currently installing armour stone and other fill materials to stop erosion in a section of the shoreline north of the Jameson Farm between Telfer and Bridgden roads.

City officials have been keeping a close eye on the Bright's Grove shoreline following signif-

icant damage to sections of the shoreline's steel seawall during a wicked storm last fall.

"The breach in the wall started Halloween night," said Robert Williams, the city's construction manager. "I believe we lost about 20 metres of wall at that time and we've lost an additional 10 metres of wall since that time."

After several weeks of constant north winds this summer, an estimated 3,000 tonnes of soil has eroded from behind the damaged

wall near the area of the farm, according to a report prepared for city council's information.

Several large willow trees have also fallen in the area, with engineering staff taking measures to remove several other large trees at risk of collapse.

But the current interim repairs - estimated to cost in the range of \$250,000 - are only the tip of the iceberg in terms of the work needed to protect the Bright's Grove shoreline.

More than half of the 4.5 kilometres of the shoreline could benefit from a permanent armour stone revetment to replace the deteriorating steel seawall, Williams noted. About two kilometres of the 4.5-kilometre shoreline has already been outfitted with an armour stone revetment.

In addition to the area near Jameson Farm, other sections of damaged shoreline in need of repair include from Kenwick Street to Helen Avenue, Rainbow

Cove, and in the area of Marion Avenue.

"We've done a full assessment of the entire Bright's Grove shoreline and we are working on bringing this information to council and the financial need," Williams said.

The city has partnered with the St. Clair Regional Conservation Authority in the past to share the cost of local shoreline protection work. The conservation authority has traditionally been able to

access funding through Water Erosion Control Infrastructure (WECI) fund through the Ministry of Natural Resources.

"We're working with them to see if there's any more available funding," Williams said.

He anticipates discussion of the Cull Drain Bridge and the ownership of the former road allowance will also be part of a forthcoming council report.

barbara.simpson@sunmedia.ca

Shoreline Cleanup a Success

By Colin Mitchell

“What a successful morning!” said Jessica Van Zwol a Healthy Watershed Specialist with St. Clair Region Conservation Authority. “The rain held off for about an hour and a half so 15 of us were able to collect garbage along the shoreline.” The group of environmental stewards met at the boat launch at Centre Ipperwash, and dispersed along the coastline searching for items that didn’t belong. The municipality of Lambton Shores provided garbage bags and gloves and agreed to pick up the filled garbage bags at the end. The group of volunteers collected about 50lbs of refuse, the most prevalent piece of garbage being cigarette butts. There were 900 of them collected.

This cleanup was hosted by the St. Clair Region Conservation Authority, as a part of the Canada-wide Great Canadian Shoreline Cleanup initiative. Healthy Watershed Specialist, Jessica Van Zwol stated “Today was a great success! The weather held off and we had a great team of hard-working volunteers. This cleanup is always a good reminder of shoreline litter issues, especially cigarette butts. We want to ensure Lake Huron stays healthy for generations to come and even small events like this raise community awareness of the importance of water quality and clean shorelines”.

The watershed of Lambton Shores is a priority area for the St. Clair Conservation Authority as it is part of the Healthy Lake Huron – Clean Water, Clean Beaches campaign. This program is a concerted collaborative of conservation authorities along the Southeast Shores of Lake Huron, public health units, all three levels of government, and community groups to promote safe and clean beaches and shorelines from Sarnia to Tobermory, in addition to improving the overall water quality of Lake Huron. This program works with shoreline residents and inland rural landowners to create healthy habitat and reduce the amount of nutrients from entering watercourses that eventually drain into Lake Huron. Grants are available for stewardship projects including tree planting

(windbreaks or 1 ha courses, and controlling blocks), wetlands, fencing inland erosion. Funding livestock from water support for this program

comes from the Ontario Ministry of Environment and Climate Change, Ontario Ministry of Agriculture, Food, and Rural Affairs, and Lake Huron-Georgian Bay Framework for Community Action (Environment Canada).



The group of volunteers, braving the elements and helping to clean up the shoreline at Ipperwash Beach



Fifteen environmental steward volunteers collected 50lbs of refuse, and in excess of 900 cigarette butts!

photos by Colin Mitchell

Ipperwash Shoreline Cleanup a success



A group of volunteers braved the elements on Saturday, September 19th to clean up the shoreline at Centre Ipperwash Beach as part of an initiative by the St. Clair Region Conservation Authority

*By Colin Mitchell,
Hayter-Walden
Publications*

“What a successful

morning!” said Jessica Van Zwol, a Healthy Watershed Specialist with St. Clair Region Conserva-

tion Authority, referring to the group’s recent cleanup of Centre Ipperwash Beach. “The rain held off

Photo Submitted

for about an hour and a half so 15 of us were able to collect garbage along the shoreline.”

The cleanup on Saturday, September 19th was hosted by the SCRCA, as a part of the Canada-wide Great Canadian Shoreline Cleanup initiative.

The group of environmental stewards met at the boat launch at Centre Ipperwash and dispersed along the coastline searching for items that didn’t belong. The Municipality of Lambton Shores provided garbage bags and gloves and agreed to pick up the filled garbage bags at the end.

The group of volunteers collected about 50 lbs of refuse, the most prevalent items being cigarette butts. There were about 900 of them col-

lected.

Van Zwol said the day was a big success. “We had a great team of hard-working volunteers. This cleanup is always a good reminder of shoreline litter issues, especially cigarette butts. We want to ensure Lake Huron stays healthy for generations to come and even small events like this raise community awareness of the importance of water quality and clean shorelines.”

The watershed of Lambton Shores is a priority area for the SCRCA, as it is part of the Healthy Lake Huron – Clean Water, Clean Beaches campaign.

This program is a concerted collaborative of conservation authorities along the Southeast Shores of Lake Huron, public health units, all three levels of government, and community groups to promote safe and clean beaches and shorelines from Sarnia to Tobermory, in addition to improving the overall water quality of Lake Huron.

The program works with shoreline residents and inland rural landowners to create healthy habitats and reduce the amount of nutrients entering watercourses that eventually drain into Lake Huron.

gazette Transcript Oct 1/2015

THE GAZETTE TRANSCRIPT & FREE PRESS

Email Address:

gazette@execulink.com

EFTO job action stops Water Festival

Skatney Age Dispatch Oct 1 2015.

**Jonathan Juh
Strathroy Age Dispatch**

The ever popular Chatham-Kent and Lambton Children's Water Festival has been cancelled. The cancellation is due to the contract negotiations between the province and the Elementary Teachers' Federation of Ontario (ETFO), and the fact that elementary teachers are now threatening to step up job action over the contract disputes.

The annual Water Festival, which was to take place from Sept. 29 to Oct. 1 at the C.M. Wilson Conservation Area near Chatham, has attracted more than 10,000 students from the area since its inception in 2007.

During the outdoor event, students from Grade 4 and 5 learn about the importance of water for human beings and of protecting the environment.

Organizers pulled the plug due to low registration numbers and uncertainty over the contract negotiations between the province and the EFTO.
"As part of EFTO's work-to-rule

process, teachers can't book field trips, and the numbers were just not there," said Don Hector, festival co-ordinator.

As of Friday, Sept. 18, he explained, only 110 students out of 600 possible were registered for the second day of the event.

Historically, public elementary students accounted for 75 per cent of the attendance.

"With those numbers, it's simply not feasible to run the event," he said. "We are really disappointed for all the kids, and all the volunteers, who could potentially have enjoyed the festival."

"We had almost 350 people volunteering. It's disappointing. There aren't any words to describe it, really."

Despite this year's decision, organizers are hopeful they will be able to resume activities in 2016, Hector mentioned.

"We had lots of volunteers, we had the funding, and we are planning on having it next year as well, and hopefully it will be success," he said.

Great Lakes restoration projects heat up with increased investment

Louis Pin
Postmedia Network

When the U.S. government started investing in the Great Lakes Restoration Initiative in 2010, it was a breath of fresh air for the groups struggling to clean up Lake Erie and Lake St. Clair.

Five years later, the Great Lakes Interagency Task Force is picking up steam – regardless of the upcoming U.S. election.

“We’re funded from a year-to-year basis,” Chris Korleski, with the U.S. Environmental Protection Agency said. “We have funding in fiscal year 2016, and I’m pretty sure we’ll have it for fiscal year 2017.”

Details of the Restoration Initiative were given on Oct. 21 at the Binational Lake St. Clair Conference held in Chatham.

The American government has given over \$100 million to the group since 2010. That’s allowed them to limit toxicity and invasive species, while giving money to smaller groups in the area more equipped to deal with small issues.

Work done by the Restoration Initiative (including the U.S. EPA) has not gone unappreciated. But George E. Henry, Chippewa First Nation councillor, says much more needs to be done.

“We need to now act as partnership,” Henry said. “I like what (they’ve) done over



Louis Pin/Postmedia Network

Chatham-Kent Mayor Randy Hope addresses attendees at the 2015 Binational Lake St. Clair Conference, held Oct. 21 in Chatham.

the last 10 years. But we need help to (reverse) what has been destroyed over the last 100 years.”

Henry, along with dozens of others, gathered for the biannual conference between Canadian and Americans groups and investors.

This is the first year the council has met in Chatham-Kent.

Mayor Randy Hope said the issue impacts people far

from the local area.

“It’s not a regional issue ... it’s a nation-wide issue,” Hope said. “It’s so important that we align ourselves together to work collaboratively.”

Henry, and Ontario’s Chippewa First Nation People, live near the Thames River southwest of London. He said the most important partnership is between the Restoration Initiative and everyday people.

“We really need to get the public involved,” Henry said. “These are good objectives, but they’re on the surface. We need to change in attitude, on where we’re putting our money.”

Unfortunately, some projects can only be funded for so long.

So while Rose Ellison of the US EPA said their real-time monitoring system was very successful, it didn’t have the funding to stay fully functional.

“We just hope to get them going, so they can run autonomously,” Ellison said. “We need to find self-sustaining funding sources ... you can’t keep funding projects forever.”

When the U.S. election happens in November 2016, there is a chance funding to the Restoration Initiative will be cut off. It’s a possibility, Korleski and Ellison said. But for the moment, they’re going to proceed as usual: eliminating waste, restoring habitats, and cleaning up the Great Lakes.

“At the end of the day, we are making progress, Korleski said. “We have parties five or 10 years ago that weren’t talking to each other,

Lambton College

OPEN HOUSE

Saturday, November 14
10:00 a.m. – 2:00 p.m.

Attend Open House for a chance to **WIN TUITION**

petroliatopic.com

**MANLEYS
BASICS**
Your Local Business Products Expert



Competitive Prices
Free Delivery
Retail location & furniture Showroom
Monday to Friday: 8:00 am - 5:00 pm
Saturday & Sunday: CLOSED

Check out our flyers online! 152 Kendall Street, Point Edward

(<http://thesarniajournal.ca/wp-content/plugins/oiopub-direct/modules/tracker/go.php?id=16>)



(<http://thesarniajournal.ca>)

The Weather Network Sarnia, ON ☀️ 6°C city Sub



(<https://twitter.com/SarniaJournal>)



(<http://www.facebook.com/thesarniajournal>)

Search ...

MENU

OPINION: Rising lake rips into shoreline

Posted October 7, 2015 in Featured (<http://thesarniajournal.ca/category/featured/>) | Front Page (<http://thesarniajournal.ca/category/frontpage/>) | Opinion (<http://thesarniajournal.ca/category/opinion/>)



Lake Huron waves scour out a stretch of public shoreline east of Telfer Sideroad after ripping out about 100 feet of rusted seawall. Workers and heavy equipment attempted to seal the breach last week; but other sections of Sarnia's shoreline protection are equally vulnerable to failure and erosion; engineers say. Glenn Ogilvie

George Mathewson

Score one for Lake Huron.

A breach in the seawall between Telfer and Brigden sideroads has grown alarmingly since The Journal described the state of Sarnia's shaky shoreline defences earlier this year.

The lake has ripped out 100 feet of rusty steel wall just east of the Cull Drain, scoured out more than 1,300 cubic metres of ground and caused large willow trees to topple into the water.

Heavy equipment and crews from Van Bree Drainage & Bulldozing worked frantically last week to seal the breach from pummeling waves and reinforce another 180 feet of failing seawall with loads of rock on either side of the washout.

A new city engineering report contains grim news:

* An estimated 3,000 tonnes of shoreline was washed away and even the quick fix could cost \$250,000.

* Getting the necessary approvals and finding money to build a more permanent revetment out of armour stone will take a year or more.

* And what's happening at the Cull Drain isn't a one-off. The Bright's Grove shoreline has many other areas in disrepair and at risk of failure.

In other words, more of Sarnia's shoreline could be wiped out in the next big storm.

How did we reach this point?

To be fair, Sarnia and the St. Clair Region Conservation Authority have already installed the solid armour stone protection in parts of The Grove.

But 15 years of near-record low water levels created, along with those wide beaches, a false sense of security. Now, the lake has risen 10 inches more in just the past year.

The washout also raises an interesting legal question that has implications for both private waterfront landowners and the rest of us who like to visit the beach.

Much of the property that fronts the lake in that area is in public hands, part of a right-of-way from the old Lakeshore Road, which itself was washed away in the 1970s.

If waves continue to eat inward beyond the width of the public land, "the backshore owner may become the new waterfront owner and the City may lose the waterfront access," warns a new report prepared by Shoreplan Engineering Limited.

The seawall failure at the Cull Drain is just north of the Jameson Farm, at 2229 Lakeshore Road.

Ironically, the Jameson family has for decades been extremely gracious in allowing public access to the waterfront via a footpath that crosses their property.

If seawalls up and down the coast continue to fail, the issue of who owns what land, and who pays the big bucks to save it, is only going to heat up.



*Heavy equipment and crews from Van Bree Drainage & Bulldozing work to shore up the breach with rock and stone.
Glenn Ogilvie*

© CRG 2015 (<http://countryroadgraphics.com>)

Phragmite invasive species getting out of control

Louis Pin
Postmedia Network

People in this area are no strangers to battling invasive species.

But according to Dr. Janice Gilbert of the Ontario Phragmites Working Group, who spoke at the Binational Lake St. Clair conference held in Chatham Oct. 21, a new plant is taking over the Great Lakes coastline, and most people have never heard of it.

Phragmites have been spreading across eastern Ontario since the 1940s. In the last 20 years according to the OPWG, the plant has firmly embedded itself in the surrounding area.

And it's starting to spread up north.

"We have to do a much better job getting the message out to the people," Gilbert said. "It's hard to tell them it's a problem ... it's hard to get them to do something about it, until the problem has already (started)."

The species often spread through heavy equipment. When operators don't clean their equipment, it allows for the easy spread of phragmites.

Some small-scale laws are being passed to stop it.

"Some Ontario parks won't let heavy machinery in if it isn't clean," Gilbert said. "And municipalities are starting to help too."

Some governments don't have a choice. Shoreline properties with phragmites are losing value, and landowners are pressing politicians to make changes. And municipalities stretching east are finding tourism dips as phragmites take root.

"We need to change how we're doing things," Gilbert said. "Each seed head can go in a 10 km radius ... and you can go several metres down before (getting the full root)."

In Canada, unlike the US, there aren't pesticides passed to rid the Great Lakes of phragmites. That makes eliminating them much harder, especially when they grow in high-density wetlands.

It means, according to OPWG projections, phragmites could spread across Canada at an exponential rate - and has already started, with cases found in Manitoba and Saskatchewan.

Still, Gilbert says there is some optimism to be had.

"The Ministry of Natural Resources has taken a lead to pass (specific



Postmedia Network File Photo

Phragmites are shown growing in a field near Innisfil, about 80 km north of Toronto, during the summer of 2015. The invasive species is becoming a problem in the Great Lakes area as well.

chemicals) to deal with phragmites," Gilbert said. "They're receptive to registering those products. It's going to be done with safe chemicals, and it's going to be done responsibly."

In other areas, communities are finding some success

through focused efforts.

"I would put successes in quotes," Gilbert said. "And I don't think (phragmites) have been totally eradicated from any one place ... you need to know what heck you're doing. Communication is key."

One success is in Kincardine, where everyone is engaged to stop phragmites. With group effort and proper techniques for removing the species, Kincardine is starting to see results.

But as Gilbert says, it's an ongoing battle. And Ontario

is losing.

"We're at a crossroads," Gilbert said. "We need to get it off our roads. We need the right tools. A public education campaign, money - and we need it long-term. And we need local people directly engaged in this problem."

Tree planting continues in Strathroy

Areas included on phase two of the project

- Agnes Drive
- Deborah Drive
- Katie Lane
- Middlesex Drive
- Laura Lane
- Steven Street
- Harms Circle

trees at a discounted price. "This allows us to plant 250 trees, as opposed to only 100 with the budget that we have," Meyer added.

The rest of the bill is being picked up by the municipal-ity, which is also footing the bill for labour costs associated with planting the trees. The third and final phase of the project is expected to take place in 2016, and it will

phase of the project, which has a tag price of \$15,000, the TD Friends of the Environment Foundation donated \$8,000.

St. Clair Region Conservation Authority also contributed with \$3,500 for the project through its Denning's Memorial program. It also helped to select the appropriate species of trees to be planted, and to order the

trees in neighbourhoods," he said.

The municipality has also developed a new tree policy to avoid having gaps in future development projects,

Meyer added. "Our tree policy now commits developers to plant trees in neighbourhoods as they develop them," he said.

To complete the second

institutions, with the help of local volunteers, organized an event to plant 150 trees at the headwaters of the Sydenham River on Centennial

Park. "I think it's a great initiative," said Shannon Clare, a resident on Thorn Drive, where the project began this year. "I think it will look really good, and will make

the subdivision) feel more like home." One of the main goals of the project is to green these areas where tree planting

the municipality in collaboration with the TD Friends of the Environment Foundation was not included on the initial development plans, said Andrew Meyer, Community Development Manager for Strathroy-Caradoc.

"The idea is to improve and diversify our urban tree canopy, so we can backtrack and make sure that we have

Jonathan Juha
Strathroy Age Dispatch

The greening of new north end subdivisions has begun in the municipality of Strathroy-Caradoc.

As part of the project, of which phase one was completed in 2014, the municipality will plant 250 trees in residential areas. The trees will be comprised of 12 species that are native to the area.

The project, developed by the municipality in collaboration with the TD Friends of the Environment Foundation as part of its "TD Green Streets" program and the St. Clair Region Conservation Authority, is the second initiative of its kind in as many weeks. Last Saturday, the three



Jonathan Juha/Strathroy Age Dispatch/Postmedia Network
Municipal staff planting a tree on a new subdivision on Thorn Drive, as part of a project to green new development projects.

Age Dispatch - Oct 1, 2015



Jonathan Juhra/Strathroy Age Dispatch/Postmedia Network

Members of the community got together Saturday to help plant 150 trees on Centennial Park as part of the TD Tree Day initiative.

150 new reasons to visit Centennial Park

Jonathan Juhra
Strathroy Age Dispatch

Strathroy got a little bit greener Saturday thanks to 150 trees planted in Centennial Park during an event organized by the local TD Bank branch, the municipality of Strathroy-Caradoc, and the St. Clair Region Conservation Authority.

This was the first time the project, called TD Tree Day, and sponsored by the TD Friends of the Environment Foundation, has taken place in Strathroy.

Armed with gloves and shovels, children of all ages, municipal staff, including Strathroy-Caradoc Mayor Joanne Vanderheyden, and members of the conservation authority got together at around 9 a.m. to plant all the trees near the Sydeham's river headwater, right behind the skateboard park on Albert Street.

It was an opportunity for everyone to learn how to properly plant a tree and about the importance of protecting the environment, said Jessica Van Zwol, healthy watershed specialist with the St.

Clair Region Conservation Authority.

"It's wonderful to see a whole new generation coming out, and to have six and seven-year-old kids here who are excited about planting a tree and getting their hands dirty," she said. "Helping green an area creates a huge impact on them. It's a tangible reward they will be able to enjoy later on in their lives when they come back in five years, 10 years, 20 years, and see how much the tree they planted has grown up."

But the benefits of this project will be felt in the entire municipality, Van Zwol added.

She explained that by planting these trees in the headwaters of the Sydeham River, one of Canada's more species-diverse rivers, the quality of the water, which is used in the municipality, will be improved.

"We are trying to create awareness about the importance of this river, and how it contributes to our drinking water downstream, and this is addressing those water quality needs from a urban perspective," she said. "If you do

restoration work downstream, but the headwaters aren't producing clean water, no matter what you do downstream, it won't really have an effect."

Another important aspect of the project was that all trees planted were native to the area, Van Zwol added.

"Being in nature has been shown to improve human health, your mood, and you just feel more relaxed... so we are hoping we can provide a better place for people to enjoy nature," she said. "We wanted to meet both the park needs for humans and the habitat needs for animals, so we are planting native trees that we know won't introduce invasive species to the park... and we are helping create habitat for local species," she said.

Since it was launched in 2010, this initiative has helped plant over 165,000 trees in the country, with 50,000 more expected to be planted this year alone in 150 communities across Canada.

jonathan.juhra@summedia.ca

Local Ground Source Water Protection Plan Approved

The St. Clair Region Conservation Authority is pleased to announce that Ontario has approved their plan to protect sources of drinking water in the Thames and Sydenham region.

The Thames-Sydenham and Region Source Protection Plan was developed by local municipal, First Nation and community partners and will take effect December 31, 2015.

Bob Bedgood, Chair of the Thames-Sydenham and Region Source Protection Committee, said, "The committee agreed early on that the plan would be fair and equitable to all of the region's residents and based on sound science. We are confident that this plan will protect municipal sources of drinking water for future generations. We would also like to recognize those that helped to shape our decision-making, namely our municipalities, the Ontario Ministry of the Environment and Climate

Change, and Conservation Ontario."

"The Thames-Sydenham and Region Source Protection Plan represents an enormous effort from all those involved," said John Van Dorp, Agricultural Sector Representative for the local Source Protection Committee. "The plan development began in 2007 with the recruitment of 25 very dedicated committee members from across the region who represented the local population and economy."

Committee member George Marr explained that, "Understanding our sources of municipal drinking water and how vulnerable those sources are to human activity is very important. For many significant threats, the committee chose to use a new tool, the Risk Management Plan, which allows a risk management official and the landowner to negotiate a risk reduction strategy."

Provincial ministries, municipalities, and Conservation Authorities

each have a role in implementing the Source Protection Plan. The Province will use existing approval mechanisms to ensure that risk is managed. Municipalities will use new tools to reduce risks to municipal drinking water sources. Risk Management Plans to be developed cooperatively between municipalities and landowners will require the use of established best management practices to reduce risks to drinking water sources. In areas upstream of municipal drinking water intakes, Risk Management Plans may cover activities such as the large-scale handling and storage of fuel or fertilizer. Conservation Authorities will be supporting municipalities by providing expertise and outreach resources.

The local Source Protection Plan will be reviewed in three years and updated if appropriate.

Standard

Source Protection

Oct 1, 2015

Friends of the Environment presents its contribution to tree planting project

Jonathan Juha
Strathroy Age Dispatch

While the project of green-
new north end subdivi-
s in Strathroy started a
ple of weeks ago, the TD
nds of the Environment
ndation made official its
ntribution to the
municipality.

uring a small ceremony
t took place at the corner
Middlesex Drive and
cy Drive, the foundation
sented an \$8,000 cheque
rathroy-Caradoc, which

was mainly used for the pur-
chase of the 250 native trees
that were recently planted.

Strathroy-Caradoc was
one the 22 municipalities
selected to receive funding
from the TD Green Streets
program.

"The goal of TD Green
Streets is to encourage the
adoption of leading-edge
practices in municipal for-
ests, and we want to com-
mend Strathroy-Caradoc for
developing a plan that will
provide such a great
enhancement to the

environment," said Mary
Desjardins, executive direc-
tor of the TD Friends of the
Environment Foundation, in
a press release. "The plant-
ings will provide habitat and
food for wildlife and improve
air quality, as well as pro-
mote community involve-
ment in the protection and
preservation of our urban
forest."

The project, developed by
the municipality in collabo-
ration with the foundation
and the St. Clair Region Con-
servation Authority, is in its

second phase. Phase one
was completed in 2014, and
the third and final phase of
the project is expected to
take place in 2016.

Areas included on phase two of the project

- Agnes Drive
- Deborah Drive
- Katie Lane
- Middlesex Drive
- Laura Lane
- Steven Street
- Harris Circle

jonathan.juha@
sunmedia.ca



Jonathan Juha/Strathroy Age Dispatch/Postmedia Network

From left to right: Brian McDougall, general manager of the St. Clair Region Conservation Authority, Yvette Scrivener, manager for TD Community Relations & TD Friends of the Environment Foundation, Patti Hodgins, branch manager of the TD Canada Trust Strathroy, Andrew Meyer, community development manager for the municipality of Strathroy-Caradoc, and Donald Craig, community advisor for Tree Canada.

Digging in



TYLER KULA/SARNIA OBSERVER

Jenna Upton and her four-year-old daughter Lila were among dozens of volunteers helping to plant trees at the Howard Watson Nature Trail along Confederation Street Saturday. The planting, organized by the St. Clair Region Conservation Authority, as part of TD Tree Days, saw 300 oak, sycamore, maple, tulip and hackberry trees being planted. The trees are native species that will grow well in the area, an organizer said.

■ CITY HALL

Engineering staff planning public meeting on Bright's Grove right-of-way in the new year

Continued from A1

Through the months-long investigation, Morin said staff have discovered city council passed a motion in 2006 to reaffirm their ownership of the right-of-way. Property owners were to be sent letters and public access signage installed along the land.



The hope here is we'll continue to look for funding opportunities."

Andre Morin

"For some reasons I'm not fully aware of, that wasn't carried forward and no letters were issued and no signage was installed at that time," said Morin, who wasn't in his current role with the city at the time.

The future of the right-of-way is part of a tidal wave of issues surrounding the Bright's Grove waterfront. Decisions still need to be made around the future over the historic Cull Drain Bridge - removed last fall due to a lack of structural integrity - on whether to incorporate the structure's salvaged trusses into a new crossing or build a brand new bridge.

City council also heard Monday about the growing need for shoreline protection work in Bright's Grove.

Crews with Van Bree Drainage & Bulldozing were recently contracted to do emergency

shoreline protection repairs along the stretch between Jamieson Farm and Suncor Park.

The project came in under its \$250,000 budget, so crews moved on to complete shoreline protection repairs near Rainbow Cove and Marion Avenue.

But those emergency repairs are only the tip of the iceberg in terms of the work still left to be done to protect the shoreline.

An estimated \$22 million worth of work needs to be completed, according to a report presented to council Monday.

The St. Clair Region Conservation Authority and the city have partnered in the past to access grants for shoreline protection projects.

The city's engineering department has also been putting away \$500,000 for more work.

"The hope here is we'll continue to look for funding opportunities," Morin said.

Decisions around the Cull Drain Bridge and shoreline protection work will likely fall into place once the future of the right-of-way is settled, noted Coun. Mike Kelch.

"It seems to me that the decision around property ownership is going to be a priority decision and many other things will flow from that based on whether council decides to sell that and transfer responsibility to owners or maintain ownership," he said.

"That, in my mind, is going to be the big question and that will make for a very interesting public meeting."

barbara.simpson@sunmedia.ca