



Board of Directors *Notice of Meeting*

April 21th - 10:00 a.m., Administrative Office

Tentative Agenda

1. Chair's Remarks
2. Declaration of Pecuniary Interests
3. Minutes
4. General Manager's Report
5. Chair & Conservation Ontario Report
 - (i) Update from April 11, 2016 meeting
6. Conservation Area Reports
 - (i) Conservation Areas Update
7. Water Resources Reports
 - (i) Current Watershed Conditions
 - (ii) 2016-17 WECI Projects
8. Biology Reports
 - (i) Healthy Watersheds
 - (ii) Summarized Municipal Drain Review activities
 - (iii) Water Quality and Biodiversity
 - (iv) Kettle and Stony Point First Nation Partnership
9. Conservation Services Report
 - (i) Conservation Services Report
 - (ii) Larvicide Report
10. Planning Department Reports
 - (i) Regulations Summary Report
 - (ii) Monthly Planning Activity Summary Report
 - (iii) Natural Heritage services
 - (iv) St. Clair River AOC update
 - (v) Draft Wetland Policy
 - (vi) Kettle Stony Point/Lambton Shores Open House
 - (vii) Dart Activity Report
11. Finance Reports
 - (i) Revenue & Expenditure Report
 - (ii) January, February & March disbursements
 - (iii) 2016 General Levy update
 - (iv) Investment Statements
 - (v) Documents to be Destroyed
 - (vi) Joint Health & Safety Committee Meeting minutes

12. Communications Reports
 - (i) Bus Tour
 - (ii) Conservation Education
13. In Camera
14. New Business
15. Adjournment

Please contact Marlene (call 519-245-3710, 1-866-505-3710 or e-mail mdorrestyn@scrca.on.ca) at the Administration Office by April 18th, if you are unable to attend.

8. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated April 6, 2016 on Water Quality and monitoring aquatic bioindicator species in the SCRCA, and acknowledges the value of continuing to support monitoring and reporting on the aquatic health of St. Clair Conservation watersheds.
8. (iv) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated April 6, 2016 on the Kettle and Stony Point First Nation Partnership, and endorses continued staff involvement in youth education and community outreach and engagement at Kettle and Stony Point.
9. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated April 8, 2016 regarding Conservation Services projects and programs.
9. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated April 8, 2016 on the application of Larvicide to catch basins in Lambton County for the control of West Nile Virus in 2016.
10. (i) Moved by: Seconded by:
That the Board of Directors acknowledges and concurs with the Regulations Summary Reports on "*Development, Interference with Wetlands & Alterations to Shorelines & Watercourses*" Regulations (Ontario Regulation 171/06), for February and March 2016.
10. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the St. Clair Region Conservation Authority's monthly Planning Activity Summary Reports for January, February and March 2016.
10. (iii) Moved by: Seconded by:
That the SCRCA Board of Directors acknowledges the memorandum on Natural Heritage services, the Lambton County Natural Heritage Study and Lambton County Official Plan update dated April 1, 2016 and further supports upper tier municipal approval of the Lambton County Natural Heritage study which will provide "best available" natural heritage system information and criteria.
10. (iv) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated April 5, 2016 regarding the St. Clair River Area of Concern (AOC).

10. (v) Moved by: Seconded by:
That the Board of Directors acknowledges the report on municipal and public consultation on the draft Wetland Policy and further approves the SCRCA Regulations 171 Wetland Policy.
- 10.(vi) Moved by: Seconded by:
That the Board of Directors acknowledges the report, dated April 7, 2016 on the attendance of Regulations staff at the Kettle Stony Point/Lambton Shores Open House held April 2, 2016 at the First Nations Hillside school.
- 10.(vii) Moved by: Seconded by:
That the Board of Directors acknowledges the report, dated April 7, 2015 on Drainage Act and Conservation Authority Act Protocol (DART) Municipal drain activities for January, February and March 2015.
11. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the revenue and expenditure report to February 29, 2016, as it relates to the budget.
11. (ii) Moved by: Seconded by:
That the Board of Directors approves the January, February and March 2016 disbursements as presented in the amount of \$789,437.17.
11. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges the status report on the 2016 general levy receipts to date.
11. (iv) Moved by: Seconded by:
That the Board of Directors acknowledges the February and March 2016 Investment report.
11. (v) Moved by: Seconded by:
That the Board of Directors approves the list of documents to be destroyed, dated April 8, 2016, as determined by the record retention schedule.
11. (vii) Moved by: Seconded by:
That the Board of Directors acknowledges the minutes of the Joint Health and Safety Committee meeting held December 2, 2015.
12. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated March 31, 2016 on the proposed project tour scheduled for June 23, 2016.

12. (ii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the Conservation Education Report, dated April 7, 2016 including the winter programming, program development and expansion, Special Events, and Community Partnerships.
- 13.(i) Moved by: _____ Seconded by: _____
That the Board of Directors move in-camera at _____
to discuss human resources matters with the General Manager, Director of Finance and Consultant Deborah Ward remaining.
- 13.(ii) Moved by: _____ Seconded by: _____
That the Board of Directors rise and report at _____.
15. Moved by: _____ Seconded by: _____
That the meeting be adjourned.

Staff Report

4.(i)



To: Board of Directors
Date: April 8, 2016
From: Brian McDougall, General Manager
Subject: General Manager's Report

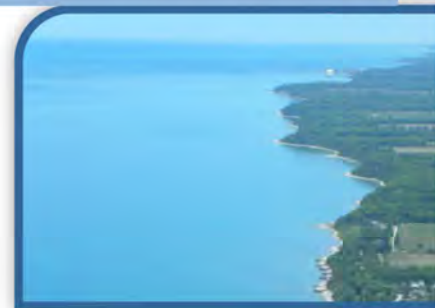
Phragmites

- ☞ attached is correspondence from both Premier Wynne and Minister Mauro in response to the Conservation Authorities' collective requests for support in tackling this invasive species
- ☞ it is our understanding that significant advances have been made toward the approval of new herbicides which will be helpful in controlling phragmites, however it may still be the end of 2016 before we see an announcement approving such a herbicide for use in Canada

The Coastal Centre

- ☞ the Lake Huron Centre For Coastal Conservation is an organization formed to work with partners to achieve a healthy Lake Huron coastal ecosystem
- ☞ they are a partner with the Authority in the Healthy Lake Huron program and we continue to look for additional partnership opportunities
- ☞ the Coastal Centre has taken on a project that is intended to be an enhancement to the Healthy Lake Huron Program
- ☞ the Coastal Action Plan will focus on the near shore areas – areas immediately adjacent the shoreline as well as shallow water areas just off shore
- ☞ our participation in the project will ensure no overlap with existing programs or projects and will create a plan supporting the near shore areas from Tobermory to Sarnia

Coastal Action Plan for Southeastern Lake Huron



TERMS OF REFERENCE
February 22, 2016

DRAFT

Conservation Strategy

- ☞ staff have completed a review of the proposed Discussion Paper for the Strategy
- ☞ revisions to the Discussion Paper are still being reviewed as well as some changes to the proposed Strategy format and subsequent work plans
- ☞ the proposed Discussion Paper for the Conservation Strategy will be presented for Board support at the June meeting, followed by partner and public review and comment processes that will occur over the summer

The South West Woodlot Association

- ☞ since their inception, the Authority has partnered with the woodlot owners association – originally known as the Lambton County Woodlot Owners Association with an expanding membership from a larger geographic area they have changed their name to reflect this change
- ☞ Donald Craig, retired Authority Forester, was the original Technical Advisor appointed to the Association
- ☞ subject to Donald's retirement, the association requested that Tim Payne, Forest Management Specialist, be appointed to fill the role of Technical Advisor, and Tim has been their advisor for the past 7 years
- ☞ as reference by the attached correspondence, the Association appreciates the knowledge that Tim brings to their organization and they would like Tim to remain as their Technical Advisor for 2016

Succession Plan

- ☞ the document outlines background, objectives, values, current practices and proposed tools to promote stability for the organization
- ☞ senior staff have provided valued comments and several revisions of the draft Succession Plan have been circulated
- ☞ we are making progress, however the document is still requires some work before it can be presented to the Board
- ☞ the proposed Succession Plan will be included in your package for review and discussion at the June Board meeting

Municipal Presentations

- ☞ staff are available, at your request, for presentations to council or committees on any programs and services of the Conservation Authority or Foundation. We would be pleased to address council on any issue of interest.

**Ministry of Natural
Resources and Forestry**

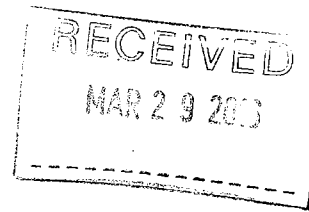
Office of the Minister

Room 6630, Whitney Block
99 Wellesley Street West
Toronto ON M7A 1W3
Tel: 416-314-2301
Fax: 416-314-2216

**Ministère des Richesses
naturelles et des Forêts**

Bureau du ministre

Édifice Whitney, bureau 6630
99, rue Wellesley Ouest
Toronto (Ontario) M7A 1W3
Tél.: 416-314-2301
Télééc.: 416-314-2216



MNR5805MC-2016-263

MAR 23 2016

Mr. Steve Arnold
Chair
St. Clair Region Conservation Authority
205 Mill Pond Crescent
Strathroy ON N7G 3P9

Dear Mr. Arnold:

Premier Kathleen Wynne has shared with me your letter regarding phragmites. I commend the St. Clair Region Conservation Authority in the control and management of invasive phragmites within your watershed.

In November 2015, our government passed the *Invasive Species Act* and in doing so has taken strong action to combat the ecological and economic threats that invasive species pose to our natural environment.

My ministry is aware that the lack of registered herbicides for the control of phragmites in aquatic environments is a significant impediment to its management. The registration of new pesticide products in Canada is a federal matter and is based on an application by the pesticide manufacturer to Health Canada's Pest Management Regulatory Agency (PMRA).

The Ministry of Natural Resources and Forestry (MNR) is working with the Ministry of the Environment and Climate Change (MOECC), along with a herbicide manufacturer, and several conservation organizations, to explore options for the control of phragmites. In January 2016, MNR submitted an emergency use registration application to PMRA to enable the aerial application of a herbicide in shoreline and wetland areas in a pilot project at Long Point and Rondeau Bay. If the application is approved, my ministry will develop an implementation plan in consultation with the local community, the MOECC and conservation groups. The pilot project will include an environmental survey to monitor the project, and to help inform future considerations by the regulatory agencies, if an application for a full registration by a herbicide manufacturer is made.

Our government is also taking a number of additional actions to address the threat of phragmites based on the Ontario's Invasive Species Strategic Plan. Through programs like MNR's Land Stewardship and Habitat Restoration Program and the MOECC's Great Lakes Guardian Community Fund, we are assisting municipalities and community groups by funding control of invasive plants such as phragmites.

.../2

My ministry has also entered into an agreement with the Ontario Invasive Plant Council to help support the development of best management practices for control of phragmites on roadways and to disseminate provincial outreach on prevention and management to ensure consistent and effective control of this invasive plant across Ontario. This collaborative work is being shared with Ontario's inter-ministerial invasive species working group, which includes the MOECC, the Ministry of Transportation, and the Ministry of Agriculture, Food and Rural Affairs for their consideration.

If you require additional information, please contact Ala Boyd, Manager, Natural Heritage Section, at (705) 755-5088 or ala.boyd@ontario.ca.

Thank you for writing.

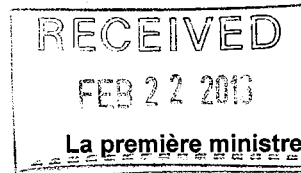
Sincerely,



Bill Mauro
Minister of Natural Resources and Forestry

c: Premier Kathleen Wynne
The Honourable Glenn Murray, Minister of the Environment and Climate Change
The Honourable Steven Del Duca, Minister of Transportation
The Honourable Jeff Leal, Minister of Agriculture, Food and Rural Affairs
Ala Boyd, Manager, Natural Heritage Section, MNRF

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



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

February 18, 2016

Mr. Steve Arnold
Chair
St. Clair Region Conservation Authority
205 Mill Pond Crescent
Strathroy, Ontario
N7G 3P9

Dear Mr. Arnold:

Thank you for your letter on behalf of the St. Clair Region Conservation Authority regarding invasive *Phragmites australis*. I am pleased to hear from you, and I appreciate your bringing your organization's concerns to my attention.

I would like to commend the St. Clair Region Conservation Authority for its commitment to environmental conservation and the protection of Ontario's natural resources. Like you, our government takes the stewardship of the environment very seriously. We are committed to taking strong action to prevent the spread of invasive species, including *Phragmites australis*, in the province.

I note that you have sent copies of your letter to my colleagues the Honourable Bill Mauro, Minister of Natural Resources and Forestry, the Honourable Glen Murray, Minister of the Environment and Climate Change, and the Honourable Steven Del Duca, Minister of Transportation. As the issues you raised would best be addressed by Minister Mauro, I have asked that he or a member of his ministry staff respond to you in greater detail. I trust that Ministers Murray and Del Duca will also appreciate the opportunity to review your concerns.

Once again, thank you for writing to me. Please accept my best wishes.

Sincerely,

A handwritten signature in black ink that reads "Kathleen Wynne".

Kathleen Wynne
Premier

c: The Honourable Bill Mauro
The Honourable Glen Murray
The Honourable Steven Del Duca



South West Woodlot Association

A Chapter of the Ontario Woodlot Association

March 10, 2016

Brian McDougall

General Manager / Secretary-Treasurer
St. Clair Region Conservation Authority
bmcDougall@scrca.on.ca

Subject: Appointment of a technical advisor.

Dear Brian;

This letter is to ask The St. Clair Region Conservation Authority to appoint a technical advisor to South West Woodlot Association (formally known as the Lambton County Woodlot Owners Association) for the 2016 term.

If you have any questions, please contact Dave Braet at dbraet4@gmail.com

Sincerely,

Dave Braet.
2016 Term President

Brian McDougall

From: David Braet <dbraet4@gmail.com>
Sent: March-10-16 3:22 PM
To: Brian McDougall
Subject: Appointment of Technical Advisor
Attachments: SWWA Advisor Appointment SCRCA.pdf

Hi Brian,

Please find the request document attached.

On behalf of the South West Woodlot Association, would like to thank the St.Clair Region Conservation Authority for providing a technical advisor for the 2015 term. It is knowledge greatly appreciated by our organization.

Thanks
Dave Braet
2016 Term President.

Staff Report

6.(i)



To: Board of Directors
Date: April 6, 2016
From: Kevan Baker, Director of Lands
Subject: Conservation Lands Report

Conservation Areas:

- the Conservation Authority owns 15 conservation areas in the watershed
- of those 15 conservation areas, 6 are managed by the local municipality and 9 are operated by the Conservation Authority
- of these 9, 3 conservation areas are regional campgrounds which attract campers from primarily Southwestern Ontario
- our three regional campgrounds have over 500 campsites and 420 seasonal campers
- profits obtained from our campgrounds are used to offset capital improvements
- the camping season in 2016 runs from Friday, April 29 to Thanksgiving Day

Warwick Conservation Area (Warwick Township)

- the pool to be renovated with new 2 x 2 porcelain tile and colored quartz surfacing; the pool was constructed in 1994
- roads to be upgraded with gravel
- 5 new picnic tables have been constructed
- WIFI system to be upgraded with additional transmission units which will enhance reception and coverage
- approximately 60 stumps to be removed and the affected area filled with topsoil and seeded



L.C. Henderson Conservation Area (Enniskillen Township)

- the campground pool fence and ladders to be replaced
- roads to be upgraded with gravel
- 5 new picnic tables to be purchased
- 3 shower areas to be renovated with new shower surrounds and ceramic tile installed on the floors and walls (one special needs shower surround has been installed)
- 2 fishing platform/floating docks have been constructed and will be installed in the spring (Foundation)

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

- construction has started on a 12 x 34 ft addition to the existing workshop; the addition will facilitate a superintendent's office, staff lunch room and storage.
- roads to be upgraded with gravel
- 5 new picnic tables to be purchased
- pool washrooms to be upgraded with new lighting, washroom fixtures and side walk
- staff were busy preparing the conservation area for the Syrup Festival held on March 19th and 20th



Other Lands Activities:

- a new property identification sign has been installed at the Esli Dodge Conservation Area (Municipality of Lambton Shores)
- a memorial tree planting plan has been prepared for Warwick Township for 3 of their cemetery properties (Lands and Forestry Departments); the plan outlines planting and funding options
- 2 board walk sections have been replaced along the trail at the Clark Wright Conservation Area (Strathroy-Caradoc)
- a memorial bench has been installed at the Marsh Walk Wetlands (Strathroy-Caradoc)



Marketing/Camping Statistics:

Our conservation areas have been marketed in the following publications or events in 2016:

- Sarnia Lambton and Chatham-Kent Tourism Guide
- camping ads have been placed on MyFm, Strathroy-Middlesex Chamber of Commerce, and Sarnia Lambton Chamber of Commerce websites
- Conservation Ontario – “Your Guide to Conservation Areas”
- Blue Water Tourism Guide (in partnership with other Conservation Authorities)
- Central Lambton Travel Guide
- Middlesex Home & Leisure Show (Strathroy Gemini Complex – April 30th)
- Sarnia Art Walk (Downtown Sarnia, June 4th and 5th)

- over the winter we have accepted campsite reservations at the administration office for our 3 regional campgrounds; as of March 31st over 678 reservations have been taken, collecting over \$ 87,000.00 in revenue (HST adjusted)

Foundation Lands:

- the St. Clair Region Conservation Foundation owns 16 land holdings and 456 hectares of land; these lands are maintained and operated by the Conservation Authority
- staff have remarked the property boundaries and have seeded the access laneway at the Huff Woodlot (Chatham-Kent)
- new property identification signs have been installed at the Gawne Habitat Management Area (Dawn-Euphemia) and Evoy Woods (Enniskillen)
- the agriculture lands at the Gawne and Sinclair properties have been leased for the next 5 years.
- the drainage pump and motor in the pump house along Kent Bridge Road has been repaired with a new electric motor and new bearings installed in the drive shaft (Keith McLean Conservation Lands, Chatham-Kent)
- the Foundation will provide financial assistance to the Conservation Authority to support the development and maintenance of trails on our properties



County of Lambton Lands:

- a new trail loop to be completed at the Perch Creek Habitat Management Area (Perch Creek)
- fencing has been upgraded on the sand hill in Port Franks; the fence restricts access and allows for dune grasses to become established (Lambton County Heritage Forest)
- trail head signage to be installed at the Lambton County Heritage Forest

Staff Report

To: SCRCA Board of Directors
Date: April 8th, 2016
From: Steve Clark, Water Resources Specialist
Subject: Current Watershed Conditions

7.(i)

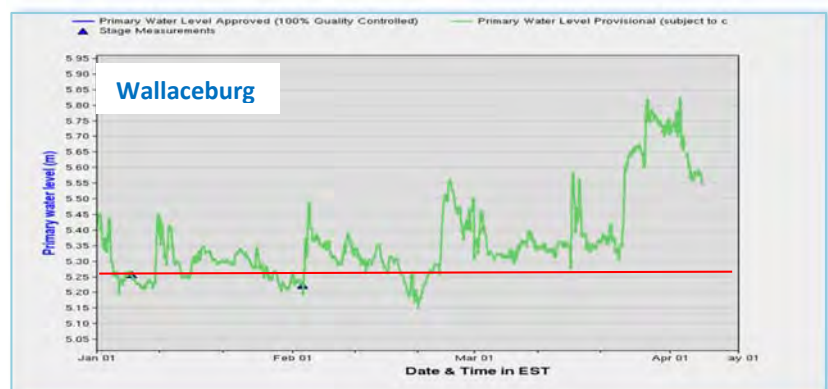
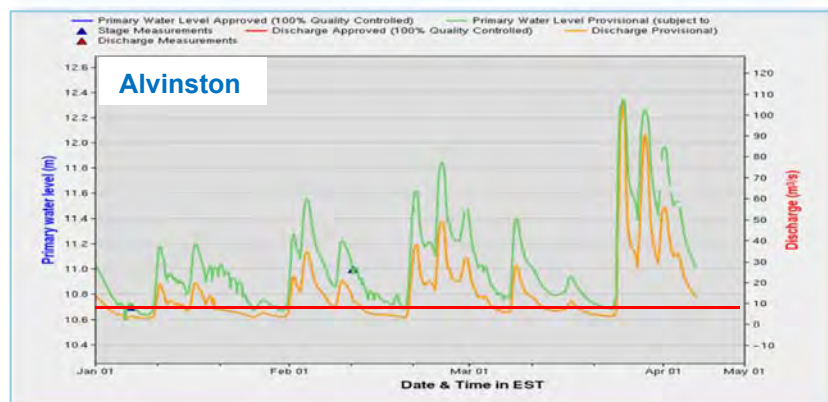
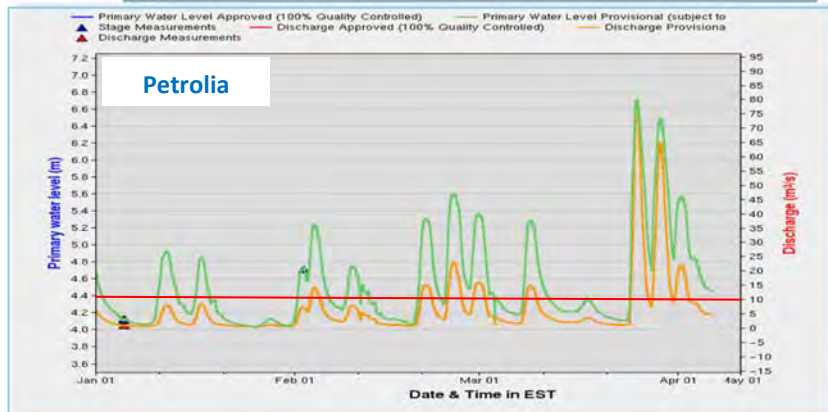


Watershed Precipitation and Streamflow Conditions

Highlights:

- Extremely wet throughout March
- Significant precipitation and increased flows in early April

➤ While watershed levels remained relatively low with minor flow increases during the traditional freshet period, conditions began to change significantly during the first week of April. Levels rose to higher than average for the period (red line) as a response to extensive rainfall over the Easter weekend and into the following week with over 60mm being received during this period in many areas. Most watercourses flooded into floodplain areas prompting two Water Safety bulletins and a Flood Outlook during the peak period. Levels in Wallaceburg remained close to within 30cm of the top of bank for most of the week and in some instances even higher to within to 20cm. Conditions were closely tracked 24 hours a day but did not meet the criteria for the McKeough Floodway to be operated. Factors contributing to these conditions included intense periods of rain across the entire watershed however, most snowpack had been lost earlier in the month and no ice conditions were present at this time alleviating the threat of additional runoff from melting snow and ice obstructing the channels. While levels have since returned to normal, ground conditions remain saturated and flows may be impacted by additional precipitation.



2016 First Quarter Regional Precipitation Comparison – (MOECC Data)

Precipitation (mm)	Sarnia		Strathroy		London		Windsor	
	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
Last Quarter								
March	137	62.6	108	74.9	141	78.4	140	75
February	55	47.7	84	61.1	76	60	64	57.3
January	35.2	50.1	63.6	75.3	49.6	74.2	50.4	57.6
Averages								
last 3 month totals	227.2	160.4	255.6	211.3	266.6	212.6	254.4	189.9
last 3 month % of normal	141.6%		121.0%		125.4%		134.0%	
regional average	130.5%							
last 6 month totals	445.8	391.2	577.4	443.8	564.8	464.5	536.8	445.6
last 6 month % of normal	114.0%		130.1%		121.6%		120.5%	
regional average	121.5%							
last 12 month totals	818.2	846.8	935.1	945.1	933.5	987	1040.1	918.4
last 12 month % of normal	96.6%		98.9%		94.6%		113.3%	
regional average	100.8%							

Flood Threat

Monthly % Normal	Sarnia	Strathroy	London	Windsor
March 2016	219%	144%	180%	187%

Significant precipitation in the month of March brought the average rainfall for the first quarter of the year up significantly to **130.5%** of the average for the region improving precipitation numbers greatly when compared to the past year. Some of the January and February precipitation fell as snow and was then released during a period of thaw by mid-March passing out of the watershed prior to the major event at the end of the month. As noted above, the month of March averages at most regional stations were close to **200%** of the normal rainfall and this was reflected in extensive higher flows during this period. This overall increase in the monthly average flow was further impacted by storm events during the first week April. Lower temperatures have continued into April and have resulted in periods of late season snowfall. However, any accumulated snowfall will likely melt quickly contributing to the already high water conditions that are anticipated throughout the month. As always we will continue monitor flows and any significant storm events. Advisories will be provided as conditions dictate.



As noted in the Sydenham Current May 30th:

The dog park in Wallaceburg is closed due to the threat of flooding.

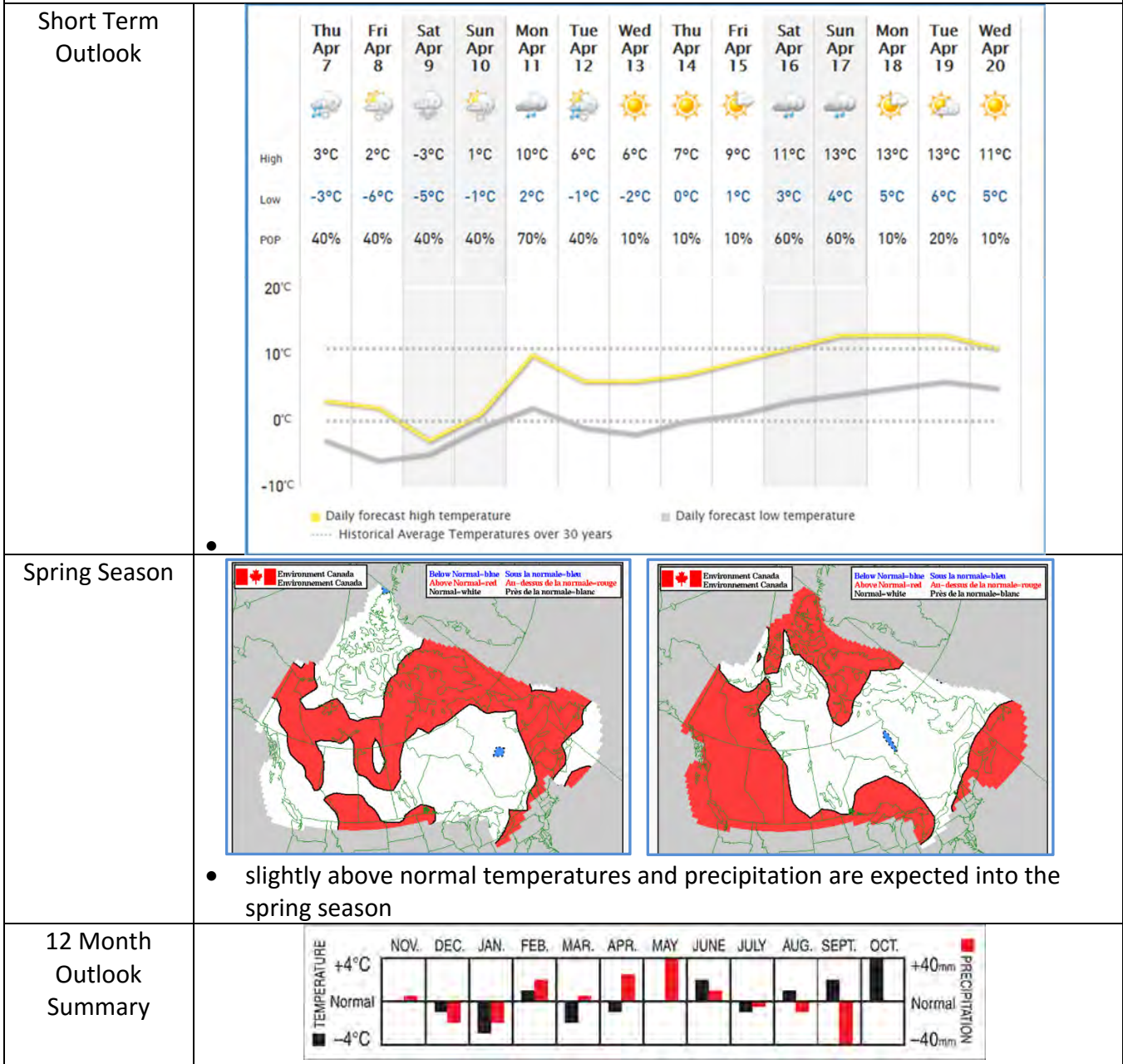
The closure is set to remain in effect until further notice. Large pools of water could be spotted inside the park and the gate is locked as well.

The Sydenham River beside the park is also sitting very high.

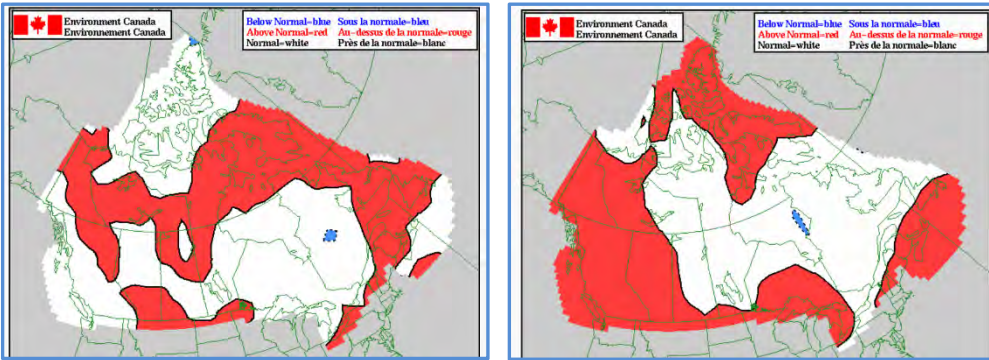
The St. Clair Region Conservation Authority issued a flood watch on Monday for the river running through Wallaceburg and Dresden.

Watching out for our four legged friends as well....!!

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

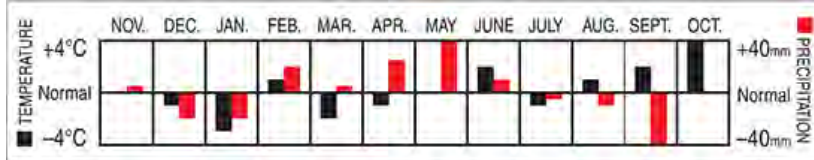


Spring Season



- slightly above normal temperatures and precipitation are expected into the spring season

12 Month Outlook Summary



Great Lakes Levels (Canadian Hydrometric recent data – February 2016)

Current and forecast Great Lakes (Source: NOAA Data and Canadian Hydrographic Service)

Units	Current Monthly Level	Monthly Level Last Year	Change 2015/2016	Current Month Avg for Last 10 Years	Change Current compared to 10 year	Anticipated Next Month	Average for Period of Record (96 years)
Lake St. Clair							
Metric (m)	175.17	174.74	0.43	174.75	0.42	175.27	174.78
Imperial (ft)	574.70	573.29	1.41	573.33	1.38	575.03	573.42
Lake Huron							
Metric (m)	176.56	176.5	0.06	175.91	0.65	176.58	176.29
Imperial (ft)	579.26	579.07	0.20	577.13	2.13	579.33	578.38

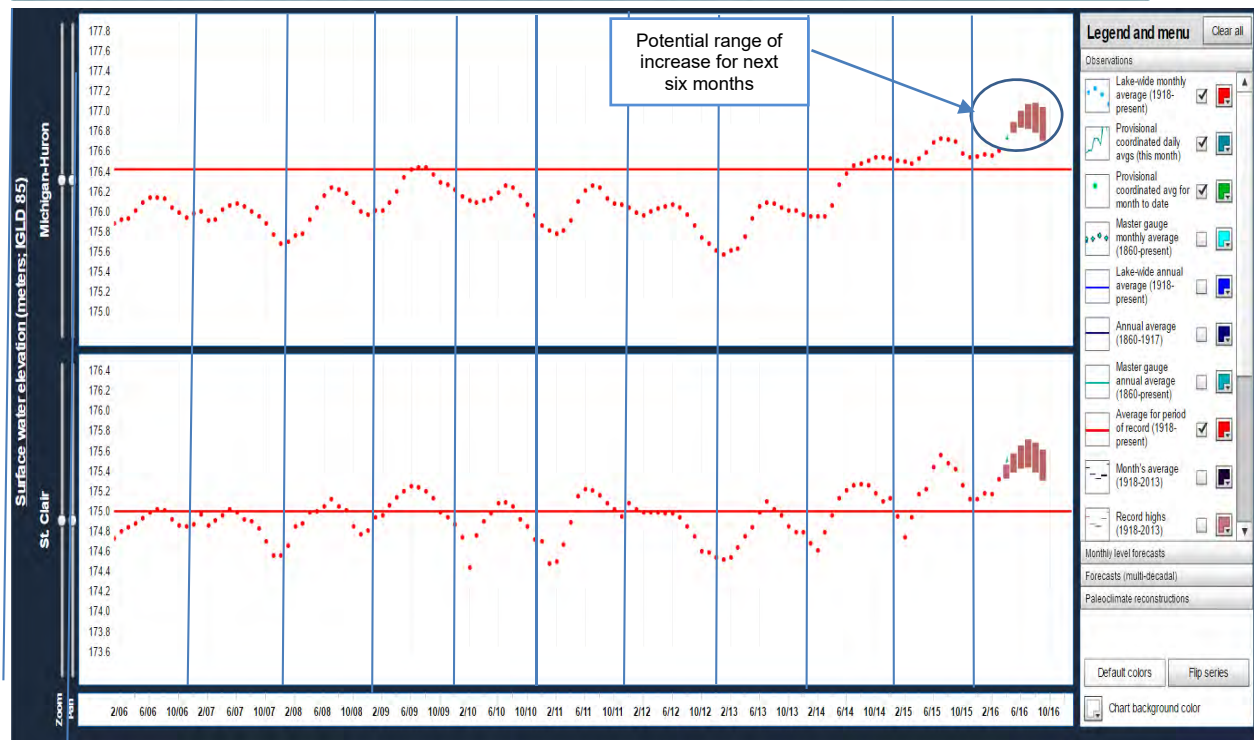
The monthly comparison for February 2016 (current available data) indicate that Lake Huron levels are almost identical to February of 2015 (6cm difference) continue to remain above the 10 year average for Lake St. Clair and Lake Huron at **42cm** and **65cm** respectively and also remain above the average for the entire period of record.

As noted in a recent report from the Canadian Hydrographic Service:

All of the lake levels rose in December, a first for the period of record (1918–2014). Record high water supplies on Lake Superior and Lake Michigan–Huron were due to the combined effects of above-average precipitation and relatively constant above-freezing temperatures for much of the month and into 2016. This likely resulted in precipitation runoff into the lakes when typically, it would be held as snow while the relatively warm, unfluctuating temperatures created conditions with lower evaporation.

This report is consistent with conditions experienced in our region which were effecting levels in 2015 and again into 2016 including snowpack being lost early in the season both in the north and locally. With factors such as recent precipitation events this year and the existing high lake levels, increased water levels are anticipated to persist into 2016. This trend continues to impact on shorelines by reducing the extent of many beaches and resulting in additional erosion to adjacent dune areas.

Fig 5. Current Levels over past 10 years for Lake Huron and Lake St. Clair (Source: NOAA Data)



Staff Report

To: SCRCA Board of Directors
Date: April 8th, 2016
From: Steve Clark, Water Resources Specialist
Subject: Current Watershed Conditions

7.(i)

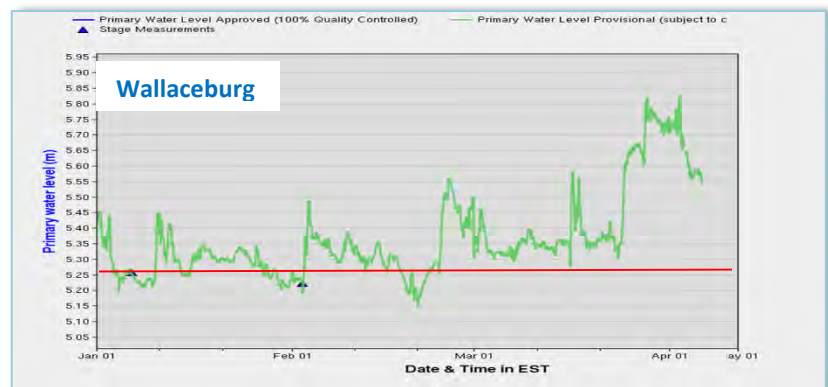
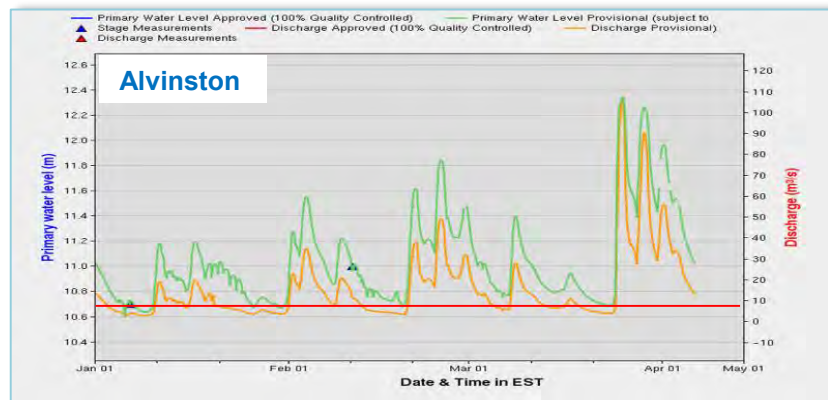
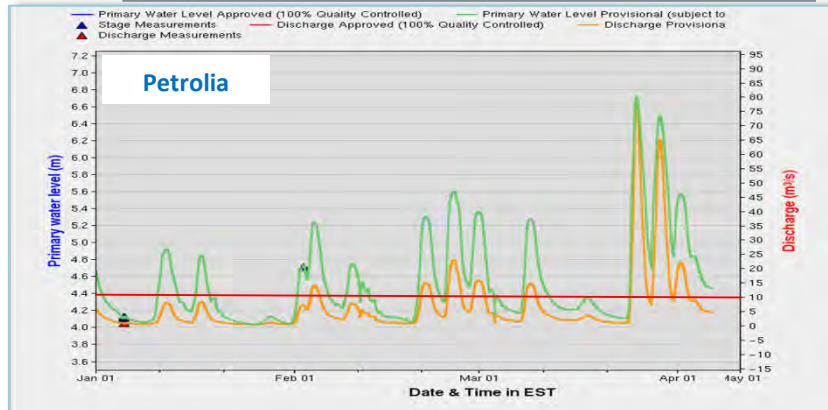


Watershed Precipitation and Streamflow Conditions

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Last Quarter	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
March	137	62.6	108	74.9	141	78.4	140	75
February	55	47.7	84	61.1	76	60	64	57.3
January	35.2	50.1	63.6	75.3	49.6	74.2	50.4	57.6
Averages								
last 3 month totals	227.2	160.4	255.6	211.3	266.6	212.6	254.4	189.9
last 3 month % of normal	141.6%		121.0%		125.4%		134.0%	
regional average	130.5%							
last 6 month totals	445.8	391.2	577.4	443.8	564.8	464.5	536.8	445.6
last 6 month % of normal	114.0%		130.1%		121.6%		120.5%	
regional average	121.5%							
last 12 month totals	818.2	846.8	935.1	945.1	933.5	987	1040.1	918.4
last 12 month % of normal	96.6%		98.9%		94.6%		113.3%	
regional average	100.8%							

Flood Threat

Monthly % Normal	Sarnia	Strathroy	London	Windsor
March 2016	219%	144%	180%	187%

Significant precipitation in the month of March brought the average rainfall for the first quarter of the year up significantly to **130.5%** of the average for the region improving precipitation numbers greatly when compared to the past year. Some of the January and February precipitation fell as snow and was then released during a period of thaw by mid-March passing out of the watershed prior to the major event at the end of the month. As noted above, the month of March averages at most regional stations were close to **200%** of the normal rainfall and this was reflected in extensive higher flows during this period. This overall increase in the monthly average flow was further impacted by storm events during the first week April. Lower temperatures have continued into April and have resulted in periods of late season snowfall. However, any accumulated snowfall will likely melt quickly contributing to the already high water conditions that are anticipated throughout the month. As always we will continue monitor flows and any significant storm events. Advisories will be provided as conditions dictate.



As noted in the Sydenham Current May 30th:

The dog park in Wallaceburg is closed due to the threat of flooding.

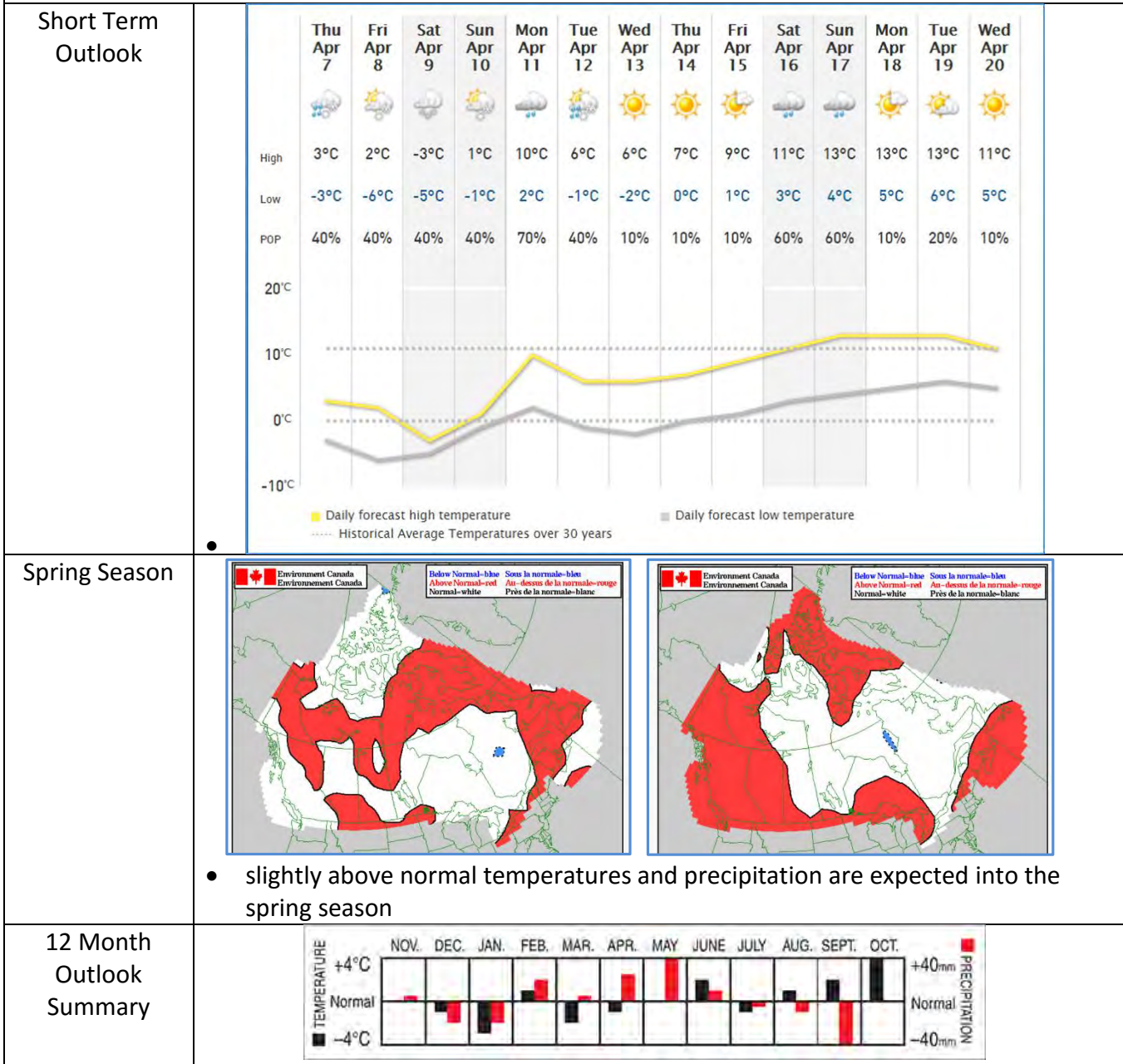
The closure is set to remain in effect until further notice. Large pools of water could be spotted inside the park and the gate is locked as well.

The Sydenham River beside the park is also sitting very high.

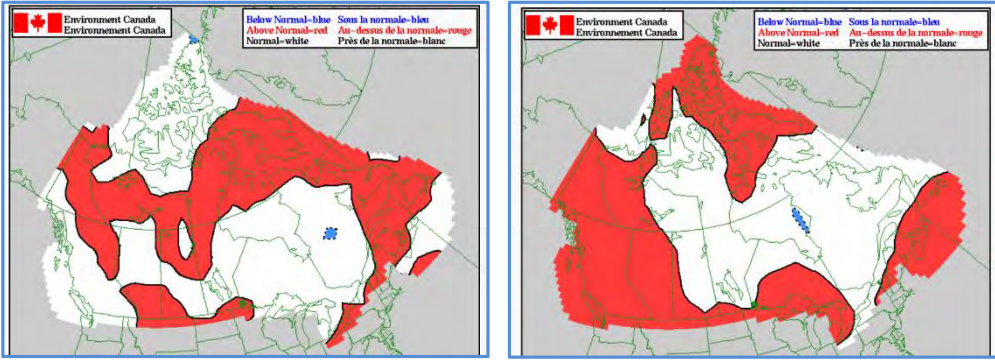
The St. Clair Region Conservation Authority issued a flood watch on Monday for the river running through Wallaceburg and Dresden.

Watching out for our four legged friends as well....!!

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

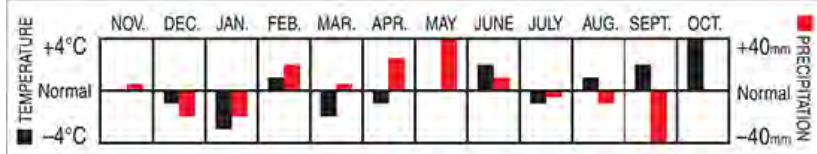


Spring Season



- slightly above normal temperatures and precipitation are expected into the spring season

12 Month Outlook Summary



Great Lakes Levels (Canadian Hydrometric recent data – February 2016)

Current and forecast Great Lakes (Source: NOAA Data and Canadian Hydrographic Service)

Units	Current Monthly Level	Monthly Level Last Year	Change 2015/2016	Current Month Avg for Last 10 Years	Change Current compared to 10 year	Anticipated Next Month	Average for Period of Record (96 years)
Lake St. Clair							
Metric (m)	175.17	174.74	0.43	174.75	0.42	175.27	174.78
Imperial (ft)	574.70	573.29	1.41	573.33	1.38	575.03	573.42
Lake Huron							
Metric (m)	176.56	176.5	0.06	175.91	0.65	176.58	176.29
Imperial (ft)	579.26	579.07	0.20	577.13	2.13	579.33	578.38

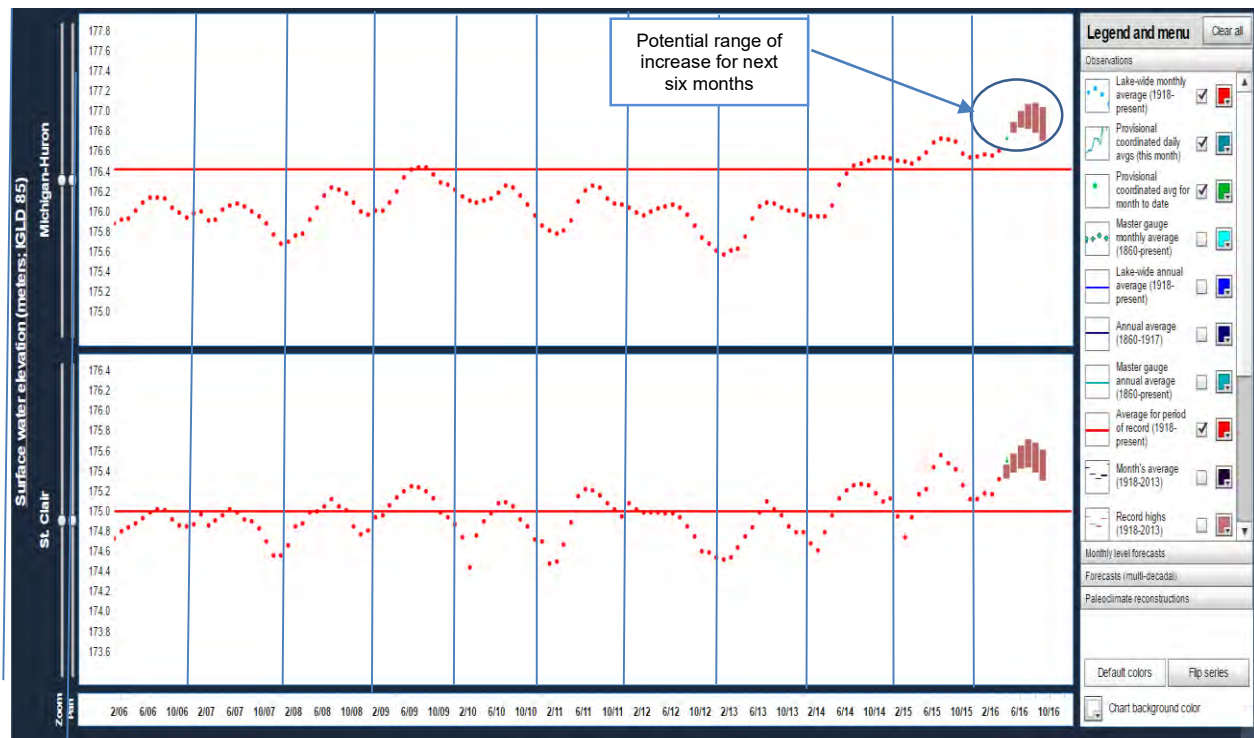
The monthly comparison for February 2016 (current available data) indicate that Lake Huron levels are almost identical to February of 2015 (6cm difference) continue to remain above the 10 year average for Lake St. Clair and Lake Huron at **42cm** and **65cm** respectively and also remain above the average for the entire period of record.

As noted in a recent report from the Canadian Hydrographic Service:

All of the lake levels rose in December, a first for the period of record (1918–2014). Record high water supplies on Lake Superior and Lake Michigan–Huron were due to the combined effects of above-average precipitation and relatively constant above-freezing temperatures for much of the month and into 2016. This likely resulted in precipitation runoff into the lakes when typically, it would be held as snow while the relatively warm, unfluctuating temperatures created conditions with lower evaporation.

This report is consistent with conditions experienced in our region which were effecting levels in 2015 and again into 2016 including snowpack being lost early in the season both in the north and locally. With factors such as recent precipitation events this year and the existing high lake levels, increased water levels are anticipated to persist into 2016. This trend continues to impact on shorelines by reducing the extent of many beaches and resulting in additional erosion to adjacent dune areas.

Fig 5. Current Levels over past 10 years for Lake Huron and Lake St. Clair (Source: NOAA Data)



Staff Report

7.(ii)



To: Board of Directors
Date: April 7, 2016
From: Girish Sankar, Director of Water Resources
Subject: Water & Erosion Control Infrastructure (WECI) Projects

- 2016- 2017 Projects have been submitted on February 24, 2016
- all applications will be reviewed by a committee of provincial and conservation authority staff representatives in March and will be ranked in comparison to all submitted projects from across the Province
- list of approved projects is anticipated in May or early June

Structure	Project Name	Description of Work	Total Project Cost (\$)	Grant Requested (\$)
Courtright Park	Courtright Park Shoreline restoration	Design, tender and rehabilitate shoreline at Courtright Park along St. Clair River using armourstone and riprap.	\$600,000	\$300,000*
Sarnia Shoreline Protection	Shoreline Repair (Helen and Kenwick Sts) Phase 1	carry out construction of Phase 1 from the recommendation of engineering study.	500,000	250,000*
W. Darcy Mckeough Dam	Slope Restoration	repair slopes along the McKeough floodway	\$100,000	\$50,000
Esli Dodge Dam	Esli Dodge Repair Project	repair of Concrete cable/ retaining wall	\$10,000	\$5,000
L.C.Henderson Weir #1	L.C.H. Outfall Repair Project	spillway Repair	\$20,000	\$10,000
Head Street	Stop log replacement	replace wooden stop logs with Aluminum logs	\$25,000	\$12,500
Petrolia Dam	Stop log replacement	replace wooden stop logs with Aluminum logs	\$25,000	\$12,500
W. Darcy Mckeough Dam	Dam Safety Review	detailed safety review of Darcy McKeough Dam	\$30,000	\$15,000

Staff Report

8.(i)



To: Board of Directors
Date: April 6, 2016
From: Jessica Van Zwol, Healthy Watershed Specialist
Subject: Healthy Watersheds Program

We are now entering Year 2 of Great Lakes Agricultural Stewardship Initiative (GLASI) Outreach and Education Funding for improving awareness and understanding regarding soil health, water quality, and pollinator species. This grant will provide funding for a stewardship bus tour, workshops, and a mail out in the spring to farmers, advertising the importance of the Farmland Health Checkups, soil health, water quality, and pollinator species.

Thirty-one farmers came to hear Peter Johnson of Real Agriculture speak at our **soil health clinic** in Alvinston February 11 – our first workshop funded through GLASI. The topic generated a lot of discussion amongst the farmers.



Staff attended **Go Wild, Grow Wild Expo** in London, April 2. Our booth attracted a lot of interest with our snake nesting habitat, benthic invertebrates on display under microscope and information about the St. Clair River AOC & stewardship funding. Three thousand people attended the Expo.

We've begun our stewardship site visits again for the year. There has been much interest in GLASI funding and wetlands and tallgrass prairie projects. This is going to be a good year for improving habitat in our watershed!



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 for stewardship projects in Lambton Shores and the Sydenham River Watershed.



Upcoming events staff will be participating in:

- *April 22, 2016:* Saugeen Conservation Stewardship Day
- *April 23, 2016:* Forest Home & Garden Show – come say hi at our booth!
- *May 3, 2016:* Healthy Lake Huron All Committee Meeting
- *May 19, 2016:* Tree planting event at St. Paul de Vincent Elementary School
- *May 27, 2016:* Is the Coast Clear? Conference hosted by Lake Huron Coastal Conservation Centre

Staff Report

8.(ii)



To: Board of Directors
Date: April 7, 2016
From: Brendan Martin, Conservation Intern
Subject: SCRCA assists member municipalities to meet regulatory requirements by issuing Standard Compliance Requirements (SCRs) and Letters of Review (LoR).

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

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

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

A Year in Review - 2015

2015 saw **145** drain files submitted to SCRCA for review. **103** files were reviewed under the DART protocol and proponents received Standard Compliance Requirements permissions. **37** files were reviewed by staff and received Letters of Review. Letters of Review are issued when the project does not fall under the DART protocol. In most cases these are engineer's reports under section 78 or section 4 of the Drainage Act for improvements and new drain petitions, and advice is provided to further the conservation and management of the existing natural heritage features of the designated watershed.

Categories of Drain Review	January – March 2015	April – June 2015	July- September 2015	October- December 2015	Total
DART Protocol – SCR issued	24	34	16	29	103
Letter of Review Issued	17	8	6	6	37
Other Types of Files (e.g., Environmental Assessment, sign-off, Assessment changes)	1	0	3	1	5
Total Files	42	42	25	36	145

Categories of Drain Review	January – April 2016
DART Protocol – SCR issued	19
Letter of Review Issued	11
Other Types of Files (e.g., Environmental Assessment, sign-off, Assessment changes)	2
Total Files	32

2016

So far in 2016 a total of 32 files have been submitted to SCRCA for review. 19 have been reviewed under the DART protocol and have received SCR permissions. 11 have been reviewed by staff and have received LoR as the works were outside of those specified under the DART protocol.

St. Clair Drains in the Provincial Context

As of October 22, 2015, OMAFRA reported **134** construction projects and **2,369** maintenance projects throughout the province. Within the SCRCA during the same period there were **13** construction projects and **129** maintenance projects. When put into the broader, provincial context construction and maintenance projects within the St. Clair watershed accounted for 10% and 5% of their provincial totals, respectively.

Municipal Drain On-Site Meetings

SCRCA staff also attend initial on-site meetings for S. 4 and S. 78 municipal drain projects. Drainage Superintendents and appointed engineers have communicated that our involvement early in the process provides them with greater opportunity to address SCRCA concerns on these projects.

An FYI

The Municipality of Leamington has created a policy to address buffer strips in municipal drainage reports in an effort to create consistency. By creating a policy and giving direction to appointed engineers, buffers will not have to be debated on a per project basis which in the past had created inconsistencies among municipal drains. They have chosen to adopt a 3m buffer on both sides of open drains with cultivated lands adjacent and have provided a rationale for compensation. Other objectives of this policy included helping to control soil and water quality, helping to reduce sedimentation and the frequency of drain cleanouts, and reducing equipment damage to drain banks causing erosion. Attached are copies of the policy and an update to the policy regarding buffer maintenance.



POLICY NO.
DATE ENACTED:
AMENDED BY:
PAGE:

E09-Buffer Strips
March 3, 2003

1 of 2

8.(ii)

SUBJECT: PROCEDURAL STEPS FOR INCORPORATION OF BUFFER STRIPS IN DRAINAGE REPORTS

OBJECTIVE: To ensure that the incorporation of buffer strips in drainage reports are handled consistently.

ACTIVITY: This is intended to be a policy for setting the recommended width of buffer strips and to set the value of compensation based on the rate percentage on the average assessed value per hectare for agriculture lands in a drainage report on Municipal Drains. In addition this policy is for the protection of the buffer strips under Section 80 of the Drainage Act.

POLICY:

As buffer strips become implemented into a Municipal Drain by an Engineer's Report the need to handle the situation in a prompt and fair manner will be required.

1. Compensation due to Loss of Land:

The Drainage Engineer will be responsible for calculating the compensation for loss of land pursuant to Section 30 of the Drainage Act.

2. Width of Buffer Strips:

The standard width for a buffer strip for all drainage reports shall be 3m (10'). This would be required on both sides of the open municipal drains throughout the course of the drain.

3. Activities Within the Buffer Strip:

The area within the limits of the buffer strip:

- Shall not be tilled
- Shall not have drainage furrows cut through the buffer
- Shall not be sprayed with any herbicide product without consulting the Municipal Drainage Superintendent
- Shall comply with the Nutrient Management Act in respect to applying fertilizers.

4. Landowner Damaging a Buffer Strip Contained within An Engineer's Report:

Notify the landowner in writing (in accordance with Section 80 of the Drainage Act)

- a) Of the damage which has been caused, the extent of the repairs and the length of time in which the landowner has to repair the damage.
- b) And that if the landowner does not comply within the written order of the municipality, the municipality will make the necessary repairs and the costs incurred will be charged to the landowner (Section 80(1)).

- c) And if the owner of the land does not pay the cost of the repairs to the municipality, the municipality will pay the costs and subsequently place their costs on the collector's roll for this property and collect them as taxes accordingly (Section 80(2)).

5. Maintenance of Buffer Strips Contained within an Engineer's Report:

That "normal" maintenance of buffer strips will be completed by the Drainage Superintendent as described in the Engineer's Report. However, should the land owner desire a manicured lawn buffer strip or specific landscaped quality, the landowner will be responsible for maintaining the buffer strip at their time and expense.

DR 23/03

REPORT

REPORT TO: MAYOR AND MEMBERS OF COUNCIL
FROM: LU-ANN BARRETO
DRAINAGE SUPERINTENDENT
DATE: FEBRUARY 16, 2012
SUBJECT: E-09 BUFFER STRIPS
POLICY AMENDMENT
MUNICIPALITY OF LEAMINGTON

AIM:

To request Leamington Council to amend Policy E09 - Buffer Strips to include the maintenance of grass buffer strips for municipal drains.

BACKGROUND:

Policies are reviewed periodically and it has been determined that Policy E09 requires some updating to reflect proper future maintenance.

Buffer strips have become an important role to the management of our watercourses and municipal drains. The use of buffer strips on our lands has many benefits, they help to control soil and water quality, they help to reduce sedimentation and reduce the frequency of drain cleanouts. They are composed of a permanent vegetative cover which can include trees, shrubs, and grasses.

The buffer strip also delineates between the drain and the farmlands thereby preventing farm equipment damage to the drain banks and creating erosion issues.

COMMENTS:

Policy E09 - Buffer Strips - for the maintenance of buffer strips within an Engineer's Report currently states:

*5. Maintenance of Buffer Strips Contained within an Engineer's Report:
Landowners will be responsible for the maintenance of buffer strips located on their properties.*

However when Council adopts an engineer's report including a buffer strip that buffer strip then becomes part of the drainage system. The entire drainage system is then maintained by the Drainage Superintendent for future maintenance as per Section 76 of The Drainage Act.

Therefore we are asking Council to amend the policy to read:

*5. Maintenance of Buffer Strips Contained within an Engineer's Report:
That "normal" maintenance of buffer strips will be completed by the Drainage Superintendent as described in the Engineer's Report. However, should the land owner desire a manicured lawn buffer strip or specific landscaped quality, the landowner will be responsible for maintaining the buffer strip at their time and expense.*

RECOMMENDATION:


That Leamington Council adopt the recommended amendments to the Policy & Procedure entitled "E09-Buffer Strips" as updated February 28, 2012 and attached to Report DR 9-12.

Respectfully submitted,

Lu-Ann Barreto
Drainage Superintendent

Allan Botham, P.Eng.
Manager of Engineering
Services

Robert Sharon,
Director of Community
Services



Digitally signed by Robert Sharon
DN: cn=Robert Sharon,
o=Corporation of the Municipality
of Leamington, ou=Director of
Community Services,
email=rsharon@leamington.ca,
c=CA
Date: 2012.03.13 14:08:03 -04'00'

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Staff Report

8.(iii)



To: Board of Directors
Date: April 6, 2016
From: Brendan Martin, Conservation Intern
Subject: Water Quality and Benthic Monitoring – 2015

2015 Surface Water Monitoring Program – Background

The St. Clair Region Conservation Authority (SCRCA) collects monthly surface water samples throughout the SCRCA jurisdiction typically from April to November. These samples are shipped to appropriate organizations for water quality analysis where results are returned to the SCRCA. This data allows the SCRCA and other organizations to compare long-term results which helps to identify any changes in water quality. Water samples are collected through two monitoring programs:

1) Provincial Water Quality Monitoring Program

The Provincial Water Quality Monitoring Network (PWQMN) was implemented in 1964 by the Ministry of Environment (MOE) for the purpose of obtaining data on and determining surface water quality from watercourses throughout Ontario. While water quality samples are collected and analysed for several parameters, there are eight key parameters including suspended solids, chloride, total phosphorus, nitrate, copper, lead, zinc, and *E. coli* which are used as indicators. The Middlesex-London Health Unit tests water samples for *E. coli* while the other parameters are determined by the MOE. In 2015, eight sites were sampled monthly from April to November throughout the SCRCA jurisdiction.

2) Canada-Ontario Agreement (COA)

The purpose of the Canada-Ontario Agreement (COA) on Great Lakes Water Quality and Ecosystem Health is to address how federal and provincial governments can help to improve the Great Lakes basin ecosystem through partnership. Through this program, eight sites were sampled monthly from April to November 2015 in the SCRCA jurisdiction. Additionally, water samples were collected at two sites in the Lambton Shores area during these sampling events. Water samples are tested for similar water quality parameters as in the PWMQN sampling program.

2015 Surface Water Monitoring Program – The Bigger Picture

Data collected by the SCRCA for the PWQMN and COA programs has been used in multiple provincial, national, and international programs. Such programs include SOLEC (State of the Lakes Ecosystem Conferences), which uses data collected from Lake Huron tributaries; SPARROW (Spatially Referenced Regressions on Watershed attributes), created by the USGS (United States Geologic Survey) as a modeling technique for relating water-quality measurements to attributes of the watersheds within the model; and the Integrated Climate Change Monitoring Program, a province wide sensitivity analysis created to identify sensitive watersheds. All of these programs have used data collected by the SCRCA from at least one watercourse within the watershed.

2015 PWQMN – Results

For the purpose of this report key indicator parameters including total nitrogen, suspended solids, and conductivity have been analyzed. Monthly results from April to November 2015 are reported on in this report. This data is typically reported on by using data collected over five years which will be completed in the next Watershed Report Card in 2017 to get a more accurate understanding of watershed health.

Total Nitrogen

Total Nitrogen values represent all forms of nitrogen dissolved within a watercourse. By collating all forms of nitrogen into one value a broader analysis of the amount of nitrogen within each site can be performed at the expense of removing the ability to interpret the ramifications of said value.

Total nitrogen levels for all analyzed sample sites are often well above the recommended levels suggested by the Provincial Water Quality Objectives (PWQO). While all of the sites had measured spikes of total nitrogen levels of special concern is Katesville as even the lowest value measured over the past 5 years was above the PWQO. The COA sites (Brown Creek, Dawn Mills, Bear Creek at Zion, and North Sydenham at Lambton Line) have been excluded from the 2011-2015 analysis as they lack a statistically significant number of data points.

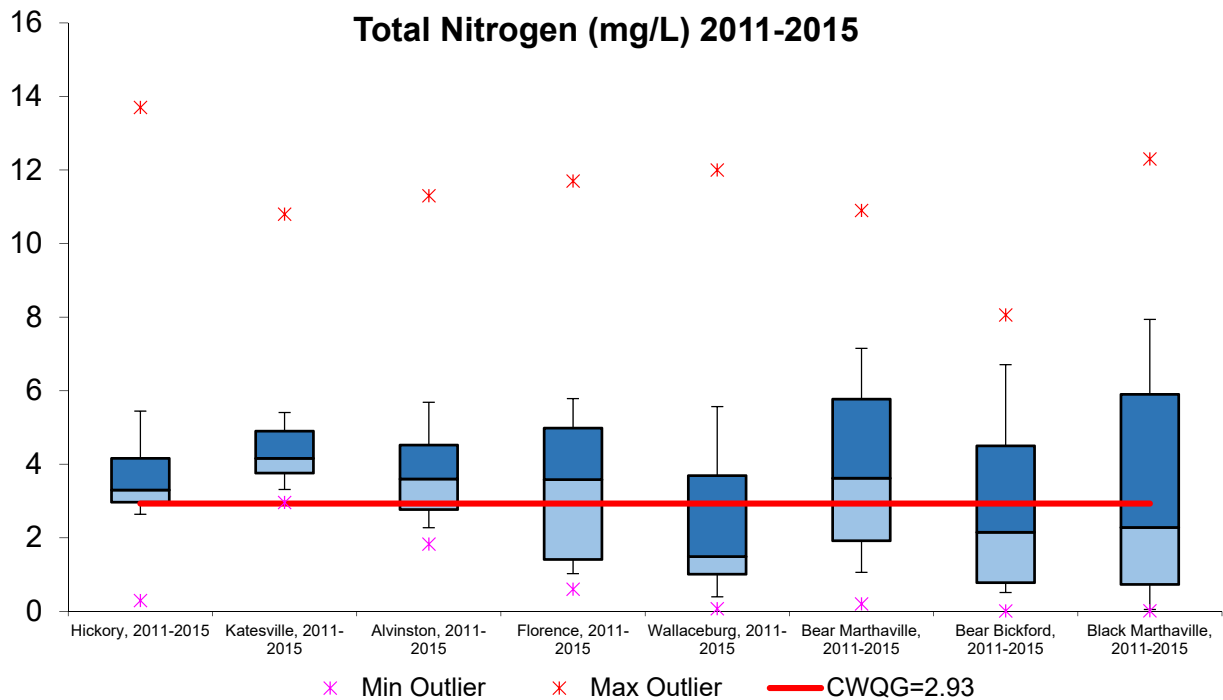


Figure 1. Total Nitrogen values for PWQMN sites between 2011 and 2015

Suspended Solids

Suspended solids is a measure of the amount of floating particulate matter suspended in the water column. These suspended particles can be composed of substrate or solid debris that has entered the water, such as degraded plant material, and gives an estimate as to how much detritus is being carried within the watercourse.

There are no guidelines set for suspended solids by either the PWQMN or COA programs. This stems from the fact that every watercourse will have its own, unique normal range, which can fluctuate wildly. Examples of this can be found within the data as median values range from 9.5 mg/L to 68.3 mg/L and with maximum values reaching as high as 651 mg/L. One particular note of interest is that the maximum values during the 2011-2015 time frame are well above the 2007-2011 maximum values. However, most of the quartile, median, and minimum values are very similar to their correspondents in the previous timeframe.

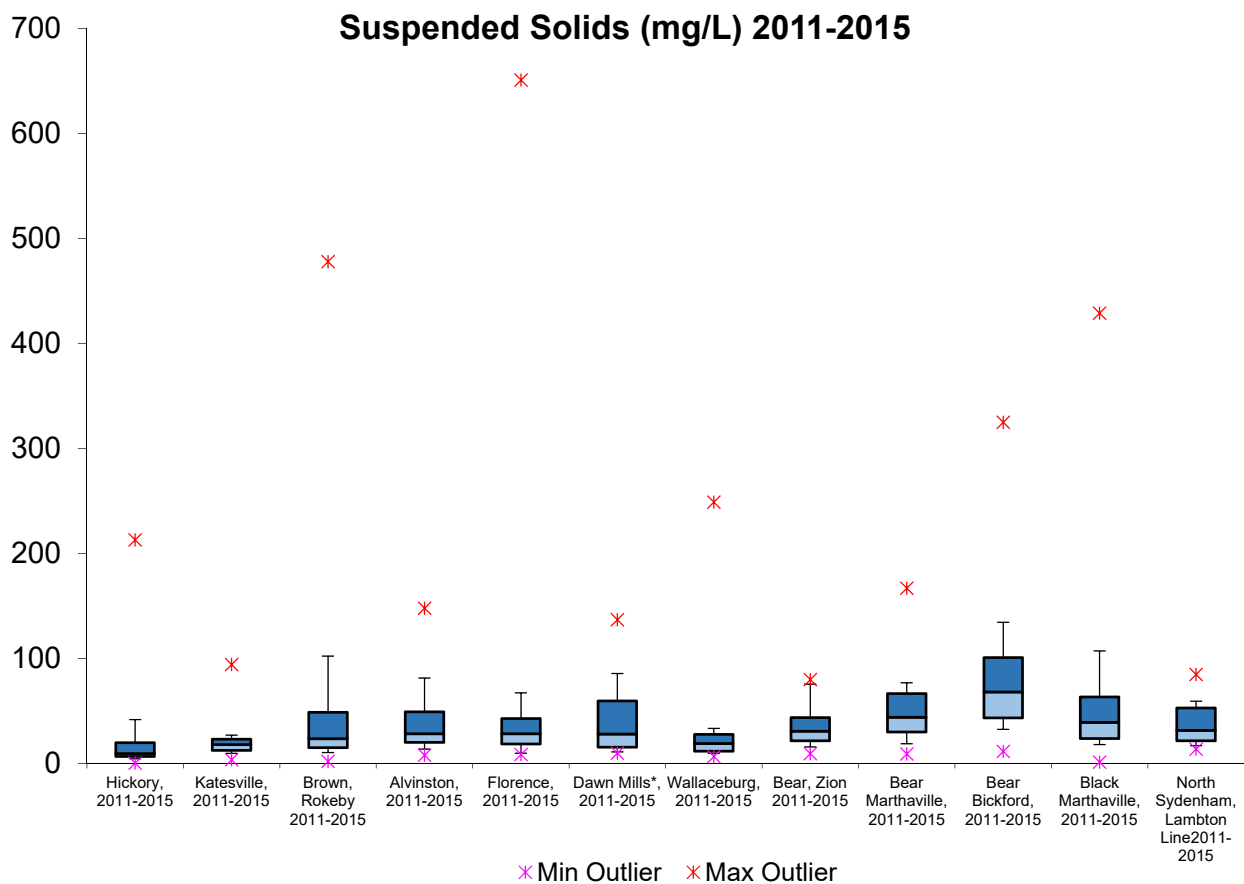


Figure 2. Particulate Residue at COA and PWQMN sites between 2011 and 2015

Conductivity

The conductivity of a sample indicates water's ability to conduct an electrical current and provides an indication of the amount of dissolved ions. Conductivity varies with water temperature and is corrected to a standard temperature of 25°C. Pure water does not conduct electricity very easily but dissolved ions allow electrical charges to pass more easily.

Conductivity has no PWQO guideline but as a reference pure water has a conductivity of 5.5 $\mu\text{S}/\text{cm}^3$.

All of the previous half decade's conductivity measurements are well within their normal ranges based on previous measurements.

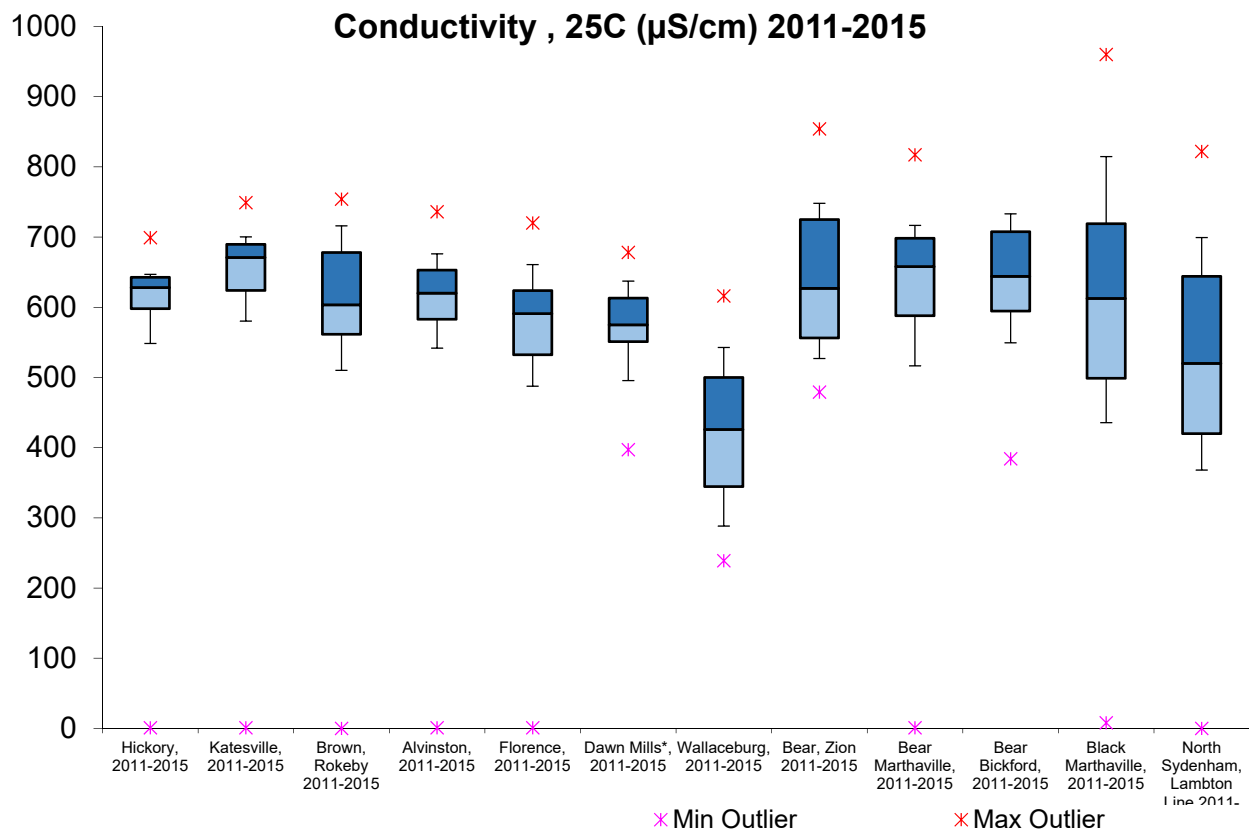


Figure 3. Conductivity at COA and PWQMN sites between 2011 and 2015

Benthic Macroinvertebrate Sampling

Aquatic animals without a backbone that are visible to the naked eye and live on the bottom of a watercourse are also known as benthic macroinvertebrates. Mayflies (left), caddisflies (middle), crayfish, aquatic worms, and stoneflies (right) are all examples of benthic macroinvertebrates. These creatures are collected every spring in the SCRCA jurisdiction by Biology staff. Each species has a specific tolerance to environmental change or pollution and therefore can be used as an indicator species.



Figure 4. Mayfly, caddisfly, and stonefly larvae (respectively)

Organizations such as the SCRCA collect benthic macroinvertebrates for the purpose of assisting in determining watershed health. Through standardized grading systems this data can be compared over time to identify any changes in watershed conditions.

Specifically, the SCRCA and many other Conservation Authorities use the Family Biotic Index (FBI) to “score” a watershed. As displayed in Table 1, scores range from very poor to excellent with a lower FBI value indicating a higher water quality grade. FBI values calculated from sampling sites are averaged with other sites within the same subwatershed to arrive at an FBI average per subwatershed.

Table 1. Family-level biotic index scoring chart

Family Biotic Index	Water Quality	Degree of Pollution
0.00 – 3.75	Excellent	Organic pollution unlikely
3.76 – 4.25	Very Good	Possible slight organic pollution
4.26 – 5.00	Good	Some organic pollution likely
5.01 – 5.75	Fair	Fairly substantial pollution likely
5.76 – 6.50	Fairly Poor	Substantial pollution likely
6.51 – 7.25	Poor	Very substantial pollution likely
7.26 – 10.00	Very Poor	Severe organic pollution likely

Benthic Macroinvertebrate Sampling – 2015 Results

For the purposes of this analysis sub-watershed averages between 2011 and 2015 were plotted against the FBI scale. Of note is Rankin Creek, which saw relative stability between 2011 and 2012, spiked up by two FBI categories for 2013 and 2014, before finally jumping back down to below pre-2013 levels in 2015. This site will need to be closely watched in coming years to determine whether or not this massive spike was simply an anomaly or if Rankin Creek goes through cycles such as this on a multi-year basis. Five out of the fourteen sites saw relative stability over the five-year span while six sites saw improvement. The remainder of sites, excluding Rankin Creek, saw an overall decrease in FBI scores with West Otter Creek showing the greatest amount of degradation; dropping from “Fair” to “Fairly Poor”.

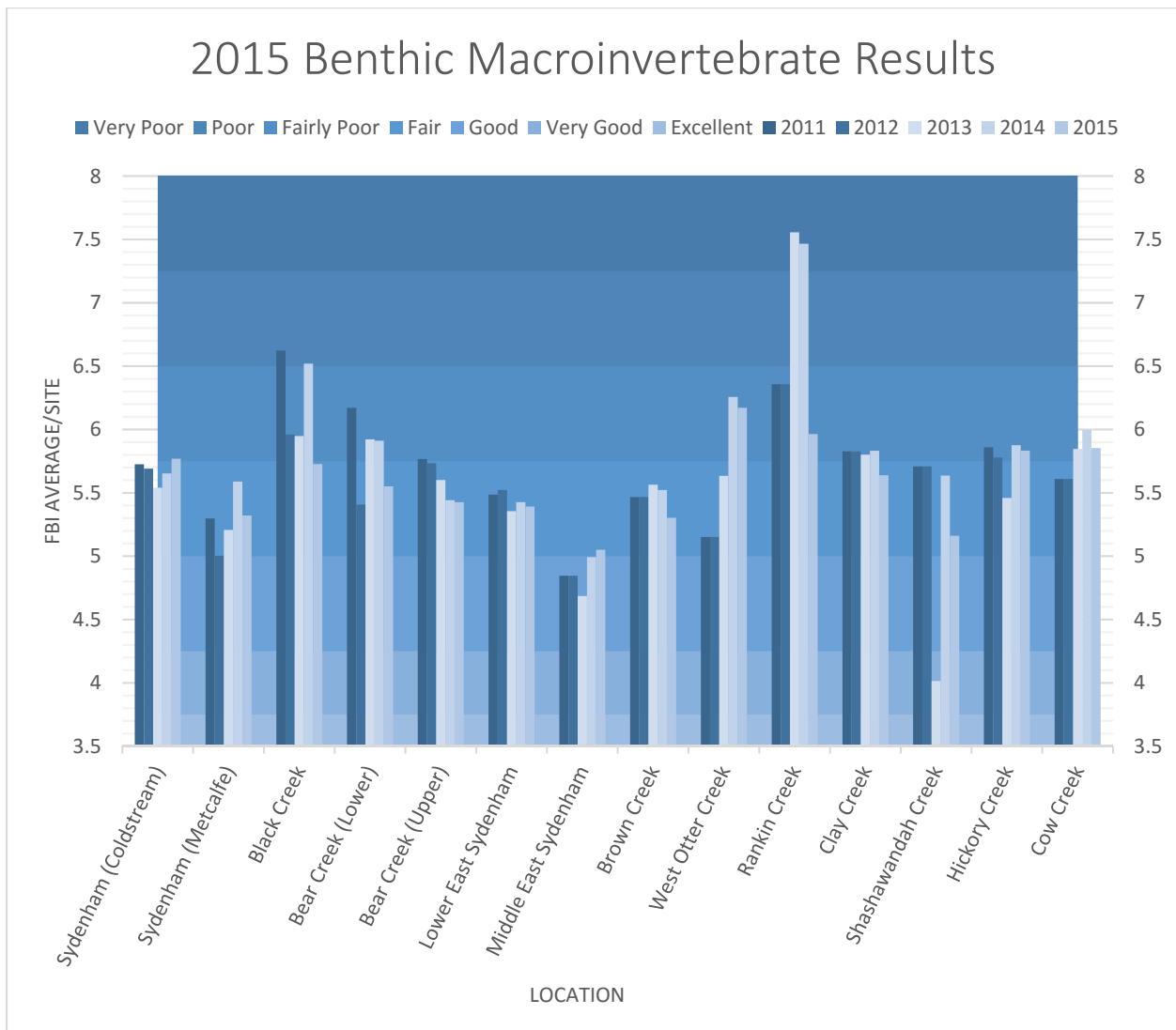


Figure 5. Benthic Macroinvertebrate Results Comparison between 2011 and 2015

Staff Report

8.(iv)



To: Board of Directors
Date: April 6, 2015
From: Erin Carroll, Manager of Biology
Subject: Kettle Stony Point First Nation Partnership

The SCRCA is one of eight partners working with KSPFN to provide monitoring, habitat enhancement, stewardship and outreach with respect to Species at Risk on Kettle Stony Point lands.

2015 Events

- on two occasions, Biology and Outdoor Education staff members met with Grades 3/4 and 4/5 students at Hillside Elementary School to provide education on reptiles, ecosystem health, and aquatic ecology of the Kettle Stony Point area.
- the first 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.
- the second education day at Hillside School was an indoor day as weather conditions were not suitable to being outside. Students from both classes participated in a survival game from which they learned 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 the game the students made 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 enthusiastic and asked if we would come back soon!



KSPFN Species at Risk Community Meeting

- for the fifth year biology staff attended the KSPFN Species at Risk Community Event. The event consisted of various partners delivering presentations related to field activities in the Kettle Stony Point area.



- SCRCA staff and many other organizations set up displays covering a range of interests. Biology staff had an interactive display consisting of invertebrates collected from the creek behind Hillside school. Visitors to the booth enjoyed looking and learning about the “creepy crawlies”.
- there were many community members who demonstrated great interest and knowledge by raising thoughtful questions and comments.



OUR PROJECT 2010 - 2015

In 2010, we began laying the foundations of our current project through the formation of partnerships. These included individual experts and organizations working in various fields of S.A.R. Through this process we formed our project team and worked towards the development of our first successful detailed A.F.S.A.R proposal. Listed below are our current members.

2015 K.S.P PROJECT TEAM MEMBERS

Dr. Janice Gilbert: Gilbert & Dunn Ecosystem Restoration

Jarmo Jalava & Allen Woodliffe: Carolinian Canada

Doug Tozer: Marsh Monitoring Program - Bird Studies Canada

Scott Gillingwater & Lucas Foerster: Amphibians & Reptiles

Erin Carroll: St. Clair Region Conservation Authority

Geoff Peach: Lake Huron Center for Coastal Conservation

Darren Jacobs: F.N Naturalist

Alf Rider: Naturalist

Connie Milliken: Kettle & Stony Point Project Administrator

Peter Cloud Sr.: Kettle & Stony Point Project Coordinator

PAST TEAM MEMBERS UP TO 2015

Greg Dunn: Gilbert & Dunn Restoration Specialists

Karen Alexander: Liaison, Lake Huron Centre for Coastal Conservation

Muriel Andrese: St. Clair Region Conservation Authority

Brian Monague: Kettle & Stony Point First Nation

SPECIAL THANKS TO:

Tania Morias: Aboriginal Liaison Biologist
Canadian Wildlife Service
Environment Canada
The Government of Canada



*Snapping Turtle: in process of nesting.
S.A.R listing: Special Concern*

HISTORY



Nesting site: Middle Road

We began our work in the area of Species at Risk with a 1998 submission to Environment Canada through the Aboriginal Fund for Species at Risk. At this time, we were sort of "testing the waters" as per the available funds and what the funds could be used for. We had chosen to begin with some work in the Aboriginal Traditional Knowledge field and completed a project in that field.

With the introduction of the federal S.A.R act in 2002 and the 2007 provincial Endangered Species Act, we began moving forward into our research and development phases. During this time we identified the lack of understanding and knowledge on our First Nation as to both legislative acts and their relationship to the species at risk, their habitat and our lands. With these issues in mind, we embarked on a learning journey as to what other First Nations were doing and what lessons we could bring back. Inspired by our attendance at various workshops and meetings sponsored through Parks Canada and M.N.R. and the creation of the Parks Canada / First Nations S.W Ontario working group, we gained the much needed knowledge as to the protection of species at risk and their habitats, as well as where to look for potential funding.

VOLUNTEERS

Community volunteers and team members play a big role in our project, as well as our annual summer students. Listed below are some of our very helpful volunteers whose interest, over the past few years to the present, in the preservation of species at risk and their habitat, are to be commended.

Bev Cloud
Dwayne Cloud
Becky Larocque
Forrest Wolfe
Nicole Rogers

Naomi Bressette
Talon Bressette
Whitney Henry
Sandy Walker-Bressette
Alabama Bressette

Wyonna Bressette
Grey-Sky Joe
Tim Shawnoo
Colton Sepata
Brooke George

THE KETTLE & STONY POINT A.F.S.A.R PROJECT

consists of four main components:

- 1** ASSESSMENTS

2 HABITAT RESTORATION
- 3** EDUCATION, OUTREACH & AWARENESS

4 ABORIGINAL TRADITIONAL KNOWLEDGE

ASSESSMENTS

The main focus since the beginning of our project was to determine which Species at Risk shared our lands with us. Are they permanent inhabitants? What is their status on the S.A.R scale? What is the existing condition of their habitat? What is needed to protect them and their habitat? These are some of the things we are working towards. As seen by our project team membership, we had recruited the expertise and knowledge to begin to undertake these tasks, which, since 2010, continue to the present day.



L. to R. Darren Jacobs, Alf Rider, Scott Gillingwater, Al Woodliffe, Jarmo Jalava, Pete Cloud Sr. & Bev Cloud discussing a potential site for construction of the hibernacula.

Our First Nation lands include interior lake front coastal meadows, interior marshes, and interior wetlands consisting of swamps, ditches & ponds. We have what we refer to

as our upper plateau prairie and other notable habitat, which include the Shashawanda and Salamander Creeks.



First Nation team member Dwayne Cloud checking out the Shawshawanda Creek.



Dr. Janice Gilbert & Darren Jacobs recording information from a rather grumpy snapping turtle along the lake front.



Blanding's Turtle - "Threatened."

BLANDING'S TURTLE

This S.A.R Blanding's Turtle was observed by Scott Gillingwater within one of our interior wetlands. Earlier this month, the S.A.R Eastern Musk Turtle was located by Scott for the first time since our project began. This little creature was discovered within one of the lakefront boat channels our fishermen use.

EASTERN MUSK TURTLE



Eastern Musk Turtle - "Threatened."



These channels provide very good habitat for quite a number of Snapping turtles and hopefully more Eastern Musk. They are also frequented by numerous Painted turtles and a number of shore birds. Back in 2012, while conducting our spring and early summer Marsh Monitoring Program,

Doug Tozer recorded a single call of the S.A.R Least Bittern. Last year, this elusive species was finally observed during the MMP activities and again this past summer, one was flushed out of the coastal meadows by Dr. Janice Gilbert and Becky Larocque.

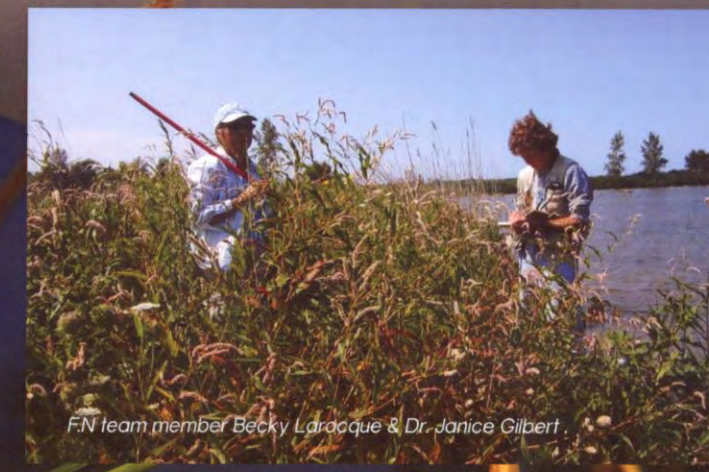


Lakefront Boat Channel: Kettle Point Park.



LEAST BITTERN

Listed as "Threatened."



FN team member Becky Larocque & Dr. Janice Gilbert



AMERICAN GINSENG

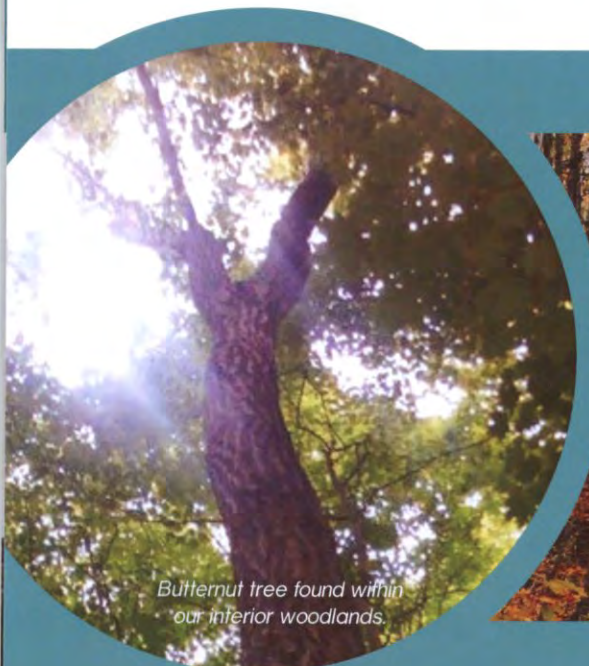
Listed as "Endangered". Located within our interior woodlands.



Project Team member Jarmo Jalava & F.N team member Dwayne Cloud's most recent find.

In 2013, Dr. Janice Gilbert, Darren Jacobs and KSP team members Bev Cloud, Sandy Walker and Dwayne Cloud located a small plot of S.A.R American Ginseng within an area of our interior woodlands. The population was verified

along with additional plants in 2014 & 2015 by Carolinian Canada's Jarmo Jalava and Al Woodliffe. Other S.A.R found by our team include Butternut and Green Dragon, along with the rare Beaked Spikerush, Puttyroot and Great Plains Ladies'- tresses.

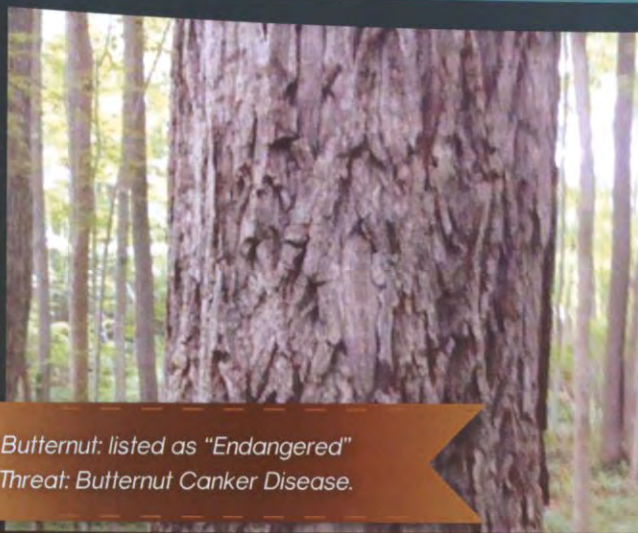


Butternut tree found within our interior woodlands.

BUTTERNUT TREES



Just one small area of our beautiful "Interior Woodlands", home to many species including those at risk.



More Butternut: listed as "Endangered"
Main Threat: Butternut Canker Disease.



Acadian Flycatcher: listed as "Endangered."



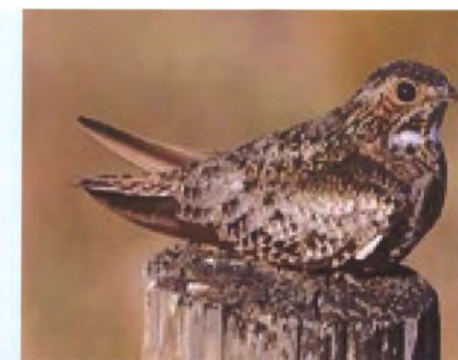
ARCADIAN FLYCATCHER

After searching for two years, including using song meters, we finally heard the calls of the elusive S.A.R Acadian Flycatcher in 2014. Then, in June of 2015, Jarmo Jalava and F.N team member Bev Cloud spotted two male Acadian Flycatchers and one female. The following month, Jarmo and F.N team member Dwayne Cloud spotted two males. Both sightings took place within our interior woodlands.

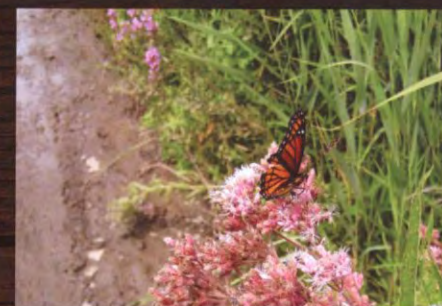


COMMON NIGHTHAWK

Listed "Special Concern" has been reported to have been sighted in the Kettle Point ball park area.



EASTERN MILKSNAKE
Listed as "Special Concern",
Sighted at Centre Side Road.

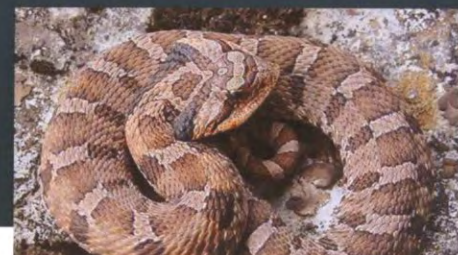


MONARCH BUTTERFLY
Listed as "Special Concern",
Sighted at Lakefront.

OTHER NOTABLE SPECIES AT RISK FOUND AT KETTLE POINT

Scott Gillingwater confirmed the presence of the Eastern Hog-nose as he had located a juvenile this past October. We identified one road mortality last year and had another sighting during 2014. Alf Rider has confirmed the presence of a number of Bald Eagles frequenting our shoreline, along with

the odd Golden Eagle these past few years. Other recorded sightings of potential S.A.R include: Whip-poor-will, Blue Racer, Common Nighthawk, Five-lined Skink, Spotted Turtle, Eastern Ribbonsnake and the Chimney Swift, along with other plants and fish species.



EASTERN HOG-NOSE
Listed as "Threatened".



WHIP-POOR-WILL

Listed as "Threatened", has been heard in the vicinity of the upper plateau and Centre Side Road.



THE KETTLE & STONY POINT A.F.S.A.R PROJECT

Habitat Restoration



Bev Cloud, Darren Jacobs & Becky Larocque setting out salamander boards which are checked annually.

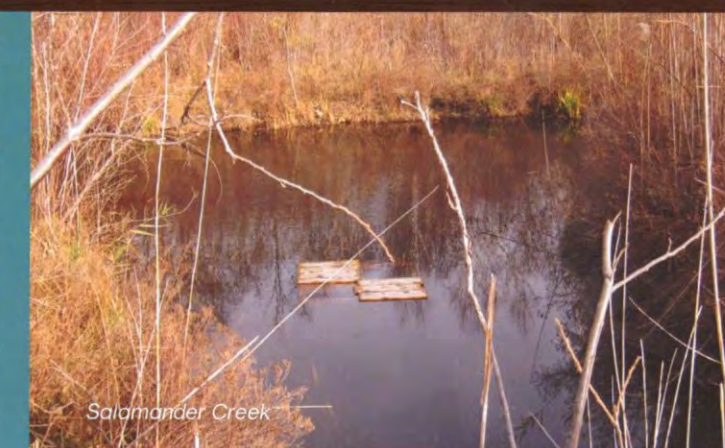
KSP Team members, KSP summer students and SCRCA staff counting & identifying samples prior to release.

Crew member Bev Cloud and student Forrest Wolfe netting one of the lake front channels.

Other initiatives included the construction and placing of turtle platforms in various areas on our First Nation, including within one officially designated turtle pond.



Old Dump Pond



Salamander Creek

HABITAT RESTORATION ACTIVITIES

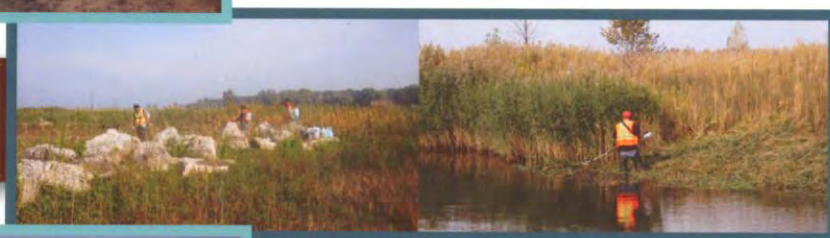
We have identified the invasive species Phragmites as one of the main suspects pertaining to habitat loss for our native species. Our initial control measures have been successful; however, this work is very intensive and needs annual maintenance. Some of the measures we used include cutting, spraying, rolling and burning. In November and December of

2015 we had a six person crew cutting and burning phrag cells along the lake with hopes of drowning some of them, as this has proven to be successful in deeper water. They had cleared about a mile-long lakeshore area extending from the Shawandah Creek to just past Jackson's Marina, along with some interior wetland work.



MECHANICAL SPRAYING & BURNING 2012

BACKPACKING & CUTTING 2013



Using portable sprayer for interior ditches - Kettle Point Park control site

AREAS CUT & BURNED 2015



K.S.P crew members have been busy finishing off the hibernacula while adding on additional space. This area has been known to be frequented by Eastern Milksnakes, Brown snakes and Eastern Garter snakes. Hopefully, a Hog-nose may find it attractive.



A rather interesting note about this site: during the early 1960s construction of the park, a large dark coloured snake was unearthed during removal of a tree. The snake, believed to be a Blue Racer, was inhabiting a cavity in the root system of the tree.



THE KETTLE & STONY POINT A.F.S.A.R PROJECT

Education, Outreach & Awareness



Crew members refining their skills with the Bobcat.

This past fall, we had the opportunity to construct turtle nesting sites at the old dump pond, as it is known. The crew members first had to do a bit of a clean up and some

phragmite control. A Blanding's turtle was previously observed close by this area and the pond is home to a number of Snapping and Painted turtles.



Old Dump Pond - Turtle Nesting Site
"BUILD IT AND THEY WILL COME!"

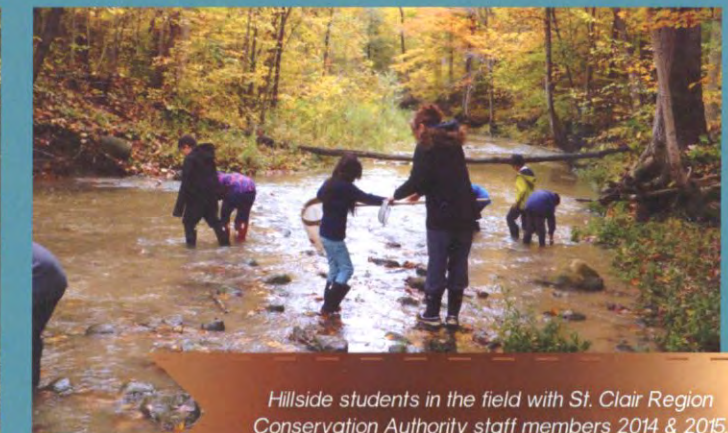


General membership attending one of our annual Species at Risk workshops.

With this aspect of our project, we want to bring awareness of the struggles our species at risk have to endure, just to survive. We also want to encourage our younger generations to become more active in these tasks while potentially boosting their interest in seeking a career in this field. For our community at large, we hope to provide them with the knowledge and awareness which

encourages them to begin implementing habitat protection measures on their own lands. Members of our project team attend our annual workshops and present very interesting and informative topics on species at risk and their habitat. Participants are able to take home relevant pamphlets, items of interest and, if lucky enough, a cool door prize.

The St. Clair Region Conservation Authority comes to Hillside Public School annually to present information about species at risk and the significance of protecting the environment. Our students are always eager to learn about these species and to interact with the SCRCA staff. These visits are usually two-day events and involve classroom activities and outdoor nature walks.



Hillside students in the field with St. Clair Region Conservation Authority staff members 2014 & 2015.

THE KETTLE & STONY POINT A.F.S.A.R PROJECT

Aboriginal Traditional Knowledge

Interviews were conducted with various individuals including elders, hunters, fishermen and other general persons whose families have continuously inhabited certain areas of our First Nation lands. We wanted to get an idea of which species shared our lands in times past and how our lands had looked. Some information on medicinal plants, legends and such will remain unwritten, as requested. From the stories we heard, many species now described as "at risk" had inhabited our lands alongside us. We heard tales of large Blue Racers, Fox snakes, Ribbon snakes, Green snakes, Milk snakes and Eastern Hog-noses roaming our interior woodlands, along with unidentified and mysterious large black snakes which showed up on our lands after two tidal waves hit our shoreline in the early 1950s. Within our interior wetlands, along our water front, and within our marshes, numerous Spotted turtles, Eastern Musk turtles and Blanding's turtles thrived. Large mysterious water snakes were spoken of along our phargmite-free shoreline with numerous nesting shorebirds and waters teeming with black bass, perch, pickerel, northern pike, minnows, crayfish, smelt and sturgeons. Bullfrogs, peepers, green frogs and other amphibian creatures were spoken of serenading everyone with their songs within our interior wetlands, ponds, ditches and amidst the cattails and bulrushes of our lakeshore. During the fall, thousands of migrating geese, ducks, loons and other species passed by our reefs or stopped for a rest. Listening to all these stories held our interviewers in

awe as they heard of how it used to be. Perhaps using the silent knowledge we inherit, we can work towards once again being able to experience what our ancestors saw.

The following are quotations of wisdom gained from the elders and are intended to be shared.

"Everybody has a purpose and every living thing has a purpose. They are here for our benefit and to help us along. You can learn a lot of things from turtles and different kinds of wildlife. There are so many legends about different animals and the turtle, even the flies, they tell their own story and have their own place in life."

"The water speaks for itself, we all need to answer to that. What do we dump in there ourselves."

"We need our snakes, we need our turtles, for the balance of nature."

"You need what's disappearing. They say when you lose one thing, you lose several that were behind it. It's time we start understanding who we are and do our job."

Ponder these words of wisdom, strive for the meaning, then act on them.



Boat Channel Assessments



Future Hillside Biologist



SCRCA staff, KSP students & crew members undertaking Shawandah Creek assessments using a seine and the electrofishing technique.



Summer students in the pharg and in the Salamander.



INTERIOR MEADOW:
Salamander Creek area

The protection and preservation of all species, especially those at risk, and their habitat, means that our generation and our next seven generations can go outdoors at any time and enjoy scenes like this.

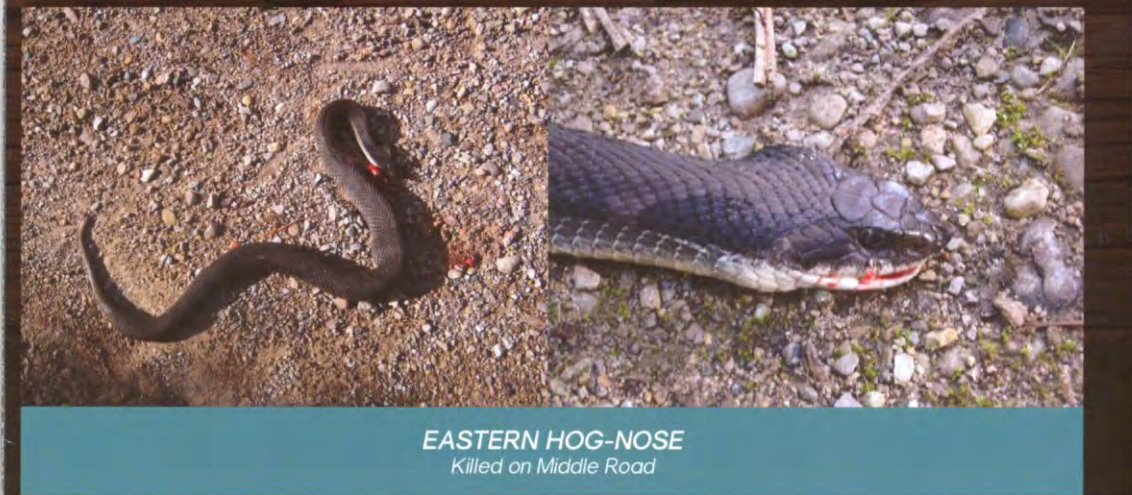


Be more aware of who is crossing our roads. Help us reduce the fatality rate of all the small creatures heading down to the lake for a drink of water or crossing the road from one bush lot to the next. Drive carefully and help them survive.



SNAPPING TURTLE
Killed on Lake Road

PAINTED TURTLE
Killed on Lake Road



EASTERN HOG-NOSE
Killed on Middle Road



THANKS TO THE
PROJECT PARTNERS!



KSPFN
(Chippewas of Kettle Point & Stony Point First Nation)

6247 Indian Lane,
Kettle & Stony Point FN,
ON, Canada N0N 1J1

Phone: 519-786-2125
Fax: 519-786-2108

fdesk@kettlepoint.org

www.kettlepoint.org

Staff Report

9. (i)



To: Board of Directors
Date: April 8th, 2016
From: Steve Shaw, Manager of Conservation Services
Subject: Conservation services spring projects

Stewardship Projects

- There are 13 stewardship projects that are being funded through the provincial species at risk stewardship fund (SARSF) and the federal habitat stewardship program (HSP) this spring
- Approximately \$80,000 in grant will go towards funding these projects which include riparian buffers, stream bank stabilization, wetland enhancement and upland habitat improvements.
- estimated project value with landowner in-kind and financial contribution is more than \$500,000
- construction began in March for some projects and it is expected that all projects should be completed by the end of May



Tree Planting Program

- Seedling stock shipping from supplying tree nurseries is operating on normal spring schedule this year.
- tree nurseries planning to start lifting tree seedlings the week of April 11th to 15th.
- trees are expected to arrive sometime around April 20th to 22nd with planting operations starting during the last week of April on well drain lands.
- SCRCA crews will be planting more than 76,000 trees on 29 properties this spring.
- another 8000 trees will be distributed to an additional 38 landowners for planting.
- three tractor mounted machine tree planters and one small hand planting crew is planned for operations to take place over the course of a 3 to 4 weeks.
- more than \$186,000 has been secured through several separate funding sources this year to offset planting costs for most landowners taking part in this year's program.
- An assisted migration, tree planting project will be taking place this year on 5 acres of land at Warwick Conservation Area. Assistance from Climate change experts and the Forest Gene Conservation Association will have a big role in this project. A small number of volunteers will be required to assist with hand planting and site layout.

Large Stock Trees

- there are more that 750 large stock trees on order this spring including one very large bulk order for the Municipality of Brooke-Alvinston for their local tree planting initiative. Brooke-Alvinston is providing a financial incentive to landowners who purchase and plant trees on their property.
- trees range in size from 1 metre for the evergreen trees to 1.8 metres for the hardwood trees. Most of the trees come either potted or balled and burlapped.
- All trees are expected to arrive and be available for landowners the week of April 11 to 15.

Vegetation Control Program

- approximately 200,000 trees require spray maintenance this spring (under the 3 year vegetation control program) plus another 76,000 trees scheduled for planting this year. Two machine sprayers will start herbicide applications mid to late April depending on site conditions.
- The 3 year tending work is paid in advance and carried forward each year to cover the cost of the labour and material.

Habitat Improvements

- habitat improvement efforts will take place again this year at the Lake Huron coastal wetlands located in Lambton Shores south of Stoney and Kettle Point.
- this 70 hectare (175 ac) costal marsh area was overcome with invasive *Phragmites australis* many years ago and has basically killed off all native vegetation resulting in wildlife habitat destruction.
- Financial support from the Great Lakes Guardian Community Fund was received last year. Our 2016 grant application in partnership with the Lambton Shores Community *Phragmites* Group was recently approved and work will continue into fall this year.
- summer and fall herbicide treatment is scheduled along with other control methods
- additional funding is expected from Ministry of Natural Resources and Forestry COA funding and a NextEra Energy financial donation received last year.

*Lambton Shores Coastal Wetlands
Area being rolled in 2015 to promote drowning of phragmites in deeper water areas*



All stewardship, tree planting, vegetation control and habitat stewardship programs and projects are self-supporting. Contributions from landowners and all grants received are used to cover program operations and all associated costs.

Staff Report

9. (ii)



To: Board of Directors
Date: April 8, 2016
From: Steve Shaw, Manager of Conservation Services
Subject: Lambton County Larvicide Program

West Nile Virus Program

- the contract for larvicide application between SCRCA and the County of Lambton has been extended into 2016.
- the County of Lambton operates a West Nile virus (WNV) program including a larvicide application program to control mosquito populations in catch basins. The Conservation Authority has been treating catch basins in all rural and urban area in Lambton since 2006 under direction from Lambton Public Health. SCRCA obtains permits each year from the Ministry of the Environment and licences summer staff from the conservation services department as pesticide applicator technicians in order to implement the work.
- 70% of the positive samples of WNV are found in the mosquito species *Culex pipiens* (the house mosquito) and related species of *Culex*. The house mosquito breeds mostly in stagnant water that is heavy in organic content. Therefore, catch basins in urban areas are the most common breeding grounds for WNV carrying mosquitoes.
- approximately 16,000 catch basins are treated in towns and rural communities with 3 separate applications of methoprene (a mosquito larvicide) between July 1st and August 30th. Approximately 65% of the catch basins are within the City of Sarnia.
- Health Canada studies indicate methoprene is of low toxicity and poses little risk to people when used according to the label instructions.
- efficacy testing is conducted by SCRCA staff by collecting mosquito pupa samples throughout the summer. Pupa are monitored by Lambton Public Health. Past efficacy tests show 80% effectiveness at controlling mosquito populations.
- Health Canada has approached SCRCA requesting that a larvicide treatment program continue at Aamjiwnaang First Nation in Sarnia for 2016 and to consider offering a price for services to treat catch basins at Walpole Island, Kettle Point and Oneida.



This program is fully paid for by the County of Lambton on all public lands and Health Canada for treatments on First Nation lands.

March 31, 2016

TO: SCRCA Chair and Board of Directors

SUBJECT: Administration – Section 28 Status Report – Development, Interference of Wetlands and Alteration to Shorelines
Watercourses RegulationFROM: Dallas Cundick, Environmental Planner / Regulations Officer
Melissa Deisley, Regulations Officer

A summary of staff activity related to the Conservation Authority's *Development, Interference of Wetlands and Alterations to Shorelines and Watercourses Regulation* (Ontario Regulation 171/06 under Ontario Regulation 97/04) is presented below. This report covers the period from February 1, 2016 to March 31, 2016.

February 1, 2016 to February 29, 2016

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
10745 EXT	Western Land Co. Lot 23, Concession 3 SER Geographic Township of Adelaide Municipality of Middlesex County	Construction of Storm Drainage Outlet	<ul style="list-style-type: none"> • Suitable sediment and erosion methods are to be installed prior to the commencement of construction and be maintained throughout the works; • Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; • Proposed works should not negatively impact flood flows, velocities or elevations; 	Feb 23
11105	Ken Burns 1785 St. Clair Parkway Lot 19, Concession Front Geographic Township of Moore St. Clair Township County of Lambton	Tear Down part of Existing Dwelling, Construction of Major Addition	<ul style="list-style-type: none"> • Minimum required floodproofing elevations are a condition of the permit; • Proposed works will not alter flow velocities or elevations; • Proposed works maintain a suitable setback from the watercourse; • Monteith & Sutherland certification that floodproofing elevations are met is required upon completion; 	Feb 11

11106	Paul DeMars 4664 Riverside Drive Lot E, Concession 5 Geographic Township of Sombra Township of St. Clair County of Lambton	Seawall Tie-Back Repair	<ul style="list-style-type: none"> • Works are repairing of an existing structure; • The proposed works should have no impact on flooding and/or erosion. • There will no in water works; • No alterations to existing sheet pile seawall; • This work is minor and is to improve the structural integrity of the existing shoreline protection; 	Feb 10
11107	Bob Buchanan 9622 Sinclair Drive Lot 2, Concession 7 Geographic Township of Lobo Municipality of Middlesex Centre County of Middlesex	Pond Dredging	<ul style="list-style-type: none"> • Appropriate mitigation measures have been developed 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 or grade are required; • The site will be restored to its original, or better, condition upon completion of works. 	Feb 12
11108	Pollutech EnviroQuatics Limited 150 St. Clair Parkway Lot 69-71, Concession Front Geographic Township of Moore St. Clair Township County of Lambton	Replacement of 3 Marine Fenders on Loading Dock	<ul style="list-style-type: none"> • Works are modifications of an existing structure; • Works to be completed on land and from a barge (no in water work); • The proposed works will have no impact on flood flows or elevations; • Watercourse flows will not be obstructed, restricted or otherwise negatively altered in any way by the placement of the dock and deck structures; 	Feb 19
11109	The Corporation of the County of Lambton c/o Glen Hamill Naylor Drain Lot 25 & 26, Concession 13 Geographic Township of Dawn Township of Dawn-Euphemia County of Lambton	Replacement of Existing Culvert under Bentpath Line	<ul style="list-style-type: none"> • Works are like for like replacement; • 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; • Works will be conducted during low or no flow conditions; 	Feb 19
11110	Mitchell's Bay Marine Park Limited c/o Richard Peever 3 Allen Road Lot 11, Concession 13 Geographic Township of Dover Municipality of Chatham-Kent	Replacement of Existing Steel Sheet Seawall	<ul style="list-style-type: none"> • Proposed works should not negatively impact flood flows, velocities or elevations; • Suitable sediment and erosion methods are to be installed prior to the commencement of construction and be maintained throughout the works; • Disturbed soils are to be stabilized and re-vegetated; 	Feb 23

11111	Enbridge Pipelines Inc c/o Deon Bridge 1010 Plank Road Lot Block B, Concession 0 Geographic Township of Sarnia County of Lambton	Pipeline Valve Replacement	<ul style="list-style-type: none"> • Replacement of existing infrastructure is considered minor works; • Appropriate mitigation measures have been developed and will be employed to control sediment and erosion; • The proposed works will have no impact on flood flows or elevations; • The site will be restored to its original, or better, condition upon completion of works. 	Feb 25
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March 1 to March 31, 2016

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
11112	Sun Canadian Pipeline c/o Keyur Patel Lot 4, Concession 4 Geographic Township of Enniskillen County of Lambton	Integrity Dig	<ul style="list-style-type: none"> • Verifying and repairing an existing pipeline is considered minor works; • Works will be located greater than 30m from the watercourse; • Appropriate mitigation measures have been developed and will be employed to control sediment and erosion; • The site will be restored to its original, or better, condition upon completion of works; 	Mar 8
11113	Union Gas Ltd c/o Michelle Landuyt Lot 1, Concession 2 Geographic Township of Sarnia County of Lambton	Integrity Dig	<ul style="list-style-type: none"> • Investigating and Repairing an existing pipeline is considered minor works; • Appropriate mitigation measures have been developed and will be employed to control sediment and erosion; • The site will be restored to its original, or better, condition upon completion of works. • Works will be conducted greater than 120m from the open watercourse; 	Mar 9

11114	Aaron Mater 1980 Inwood Road Lot 32, Concession 3 Geographic Township of Euphemia County of Lambton	Tear Down & Rebuild New Single Family Dwelling	<ul style="list-style-type: none"> • Minimum required floodproofing elevations are a condition of the permit; • Proposed works maintain a suitable setback from the watercourse; • Monteith & Sutherland certification that floodproofing elevations are met is required upon completion; • Disturbed areas will be stabilized and vegetated; 	Mar 24
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Recommended and approved by:

 Dallas Cundick, Environmental Planner/Regulations Officer

 Melissa Deisley, Regulations Officer

 Patty Hayman, Director of Planning

SCRCA Planning Activity Summary for the month of January 2016**10.(ii)**

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
LL 2016	ADELAIDE-METCALFE	METCALFE	LOT 8	CON 14	INADALE DRIVE
FI 2016	CHATHAM-KENT	CAMDEN	LOT 4	CON 4 GORE	LINDSLEY ST. W
VAR 2016	CHATHAM-KENT	DOVER	LOT 10	CON 13	MCDONALD STREET
EA 01 2016	DAWN-EUPHEMIA	DAWN	LOT 11	CON 1	BENTPATH LINE
FI 2016	DAWN-EUPHEMIA	DAWN	LOT 21	CON 12	LANGBANK LINE
SEV B003/2015	ENNISKILLEN	ENNISKILLEN	LOT 9	CON 12	MARTHAVILLE ROAD
LL 2016	LAMBTON SHORES	BOSANQUET	LOT 4	CON 19	RICHARDSON DRIVE
LL 2016	MIDDLESEX CENTRE	LOBO	LOT 2	CON 5	LAMONT DRIVE
SUB 39T-MC1401		MIDDLESEX CENTRE	LONDON LOT 24	CON 11	
OPA 32	PLYMPTON-WYOMING	PLYMPTON	LOT 4	CON FRONT	
LL 2016	PLYMPTON-WYOMING	PLYMPTON	LOT 30	CON 13	MAIN STREET
FI 2016	SARNIA	SARNIA	LOT 67	CON 9	LAKE CHIPICAN DRIVE
FI 2016	SOUTHWEST MIDDLESEX	MOSA	LOT 6	CON 7	ARGYLL DRIVE
VAR A20/2015	ST. CLAIR	SOMBRA	LOT D	CON 9	ST. CLAIR PARKWAY
LL 2016	ST. CLAIR	SOMBRA	LOT A	CON 6	WEST LAMBTON LINE
FI 2016	STRATHROY-CARADOC	ADELAIDE	LOT 21	CON 5 SER	ALBERT STREET
GI 2016	STRATHROY-CARADOC	CARADOC	LOT 14	CON 10	EGERTON INDUSTRIAL

SCRCA Planning Activity Summary for the month of February 2016

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
SUB 39T-SC0501	ADELAIDE-METCALFE	ADELAIDE	LOT 23	CON 3 NER	S. OF THORN AVE
FI 2016	ADELAIDE-METCALFE	ADELAIDE	LOT 6	CON 5 SER	GRACE STREET
FI 2016	BROOKE-ALVINSTON	BROOKE	LOT 1	CON 9	ROKEBY LINE
FI 2016	CHATHAM-KENT	CHATHAM	LOT 14	CON 2 GORE	MARGARET STREET
SPA 2016	CHATHAM-KENT	CHATHAM	LOT 10	CON 1 GORE	ARNOLD STREET
SEV B01/2016	DAWN-EUPHEMIA	DAWN	LOT 13	CON 7	DAWN MILLS ROAD
FI 2016	ENNISKILLEN	ENNISKILLEN	LOT 14	CON 13	LA SALLE LINE
LL 2016	SARNIA	SARNIA	ST CLAIR FRONT		DEVINE STREET
EA 04 2015	SARNIA	SARNIA	LOT 71	CON FRONT	
FI 2016	ST. CLAIR	SOMBRA	LOT 14	CON 13	BABY ROAD
GI 2016	ST. CLAIR	SOMBRA	LOT 11	CON 11	BENTPATH LINE
SUB 39T-SC0501		STRATHROY-CARADOC		ADELAIDE LOT 23	CON 3 SER
LL 2016	STRATHROY-CARADOC	CARADOC	LOT 13	CON 8	SAXTON ROAD
SUB 39T-SC1101	STRATHROY-CARADOC	ADELAIDE	LOT 23	CON 2 SER	SECOND STREET
FI 2016	STRATHROY-CARADOC	CARADOC	LOT 4	CON 7	GLEN OAK OAD

SCRCA Planning Activity Summary for the month of March 2016

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
FI 2016	CHATHAM-KENT	CAMDEN	LOT 5	CON 4 GORE	WALNUT STREET
FI 2016	ENNISKILLEN	ENNISKILLEN	LOT 16	CON 14	CHURCHILL LINE
SEV B11/2016	MIDDLESEX CENTRE	LOBO	LOT 14	CON 5	LAMONT DRIVE
SEV B16/2016	MIDDLESEX CENTRE	LOBO	LOT 5	CON 8	EGREMONT DRIVE
FI 2016	PLYMPTON-WYOMING	PLYMPTON	LOT 16	CON 4	OIL HERITAGE ROAD

OPA 39	PLYMPTON-WYOMING	PLYMPTON	LOT 50	CON FRONT	
FI 2016	PLYMPTON-WYOMING	PLYMPTON	LOT 19	CON 8	EGREMONT ROAD
OPA 38	PLYMPTON-WYOMING	PLYMPTON	LOT 8	CON 10	
VAR A12/2016	SARNIA	SARNIA	LOT 67	CON 9	CHARLESWORTH LANE
LL 2016	SARNIA	SARNIA	LOT 61	CON 9	TUDOR CLOSE WEST
VAR A02/2016	ST. CLAIR	SOMBRA	LOT F	CON 7	ST. CLAIR PARKWAY
SEV B03/2016	ST. CLAIR	MOORE	LOT 17	CON 8	
FI 2016	ST. CLAIR	MOORE	LOT 16	CON 4	KIMBALL ROAD
VAR A04/2016	ST. CLAIR	SOMBRA	LOT C	CON 10	ST. CLAIR PARKWAY
ZBA 2016	ST. CLAIR	SOMBRA	LOT 17	CON 5	KENT LINE
LL 2016	STRATHROY-CARADOC	ADELAIDE	LOT 22	CON 3 SER	MACDONALD STREET
ZBA 2016	STRATHROY-CARADOC	ADELAIDE	LOT 22	CON 3 SER	CENTRE LINE
LL 2016	STRATHROY-CARADOC	CARADOC	LOT 10	CON 9	WALKERS DRIVE

File Reference Codes:

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

Planning Department Meetings

January

- Jan 7 – Preconsultation Planning N Strath meadows nat heritage – P. Hayman/S. Hodgkiss
- Jan 13 – WOCA Meeting @ UTRCA – C.D.
- Jan 15 – Proposed Groundwater/Source workshop agenda mtg – P. Hayman/M. Fletcher, UTRCA
- Jan 18 – Reg Com Meeting – B.M, G.S., M.D., S.H., D.C.
- Jan 25 – Planning Dept Meeting – A.S., C.D, M.D., S.H, L.A., D.C., P.H.
- Jan 26 – Binational Public Advisory Council Meeting , Port Huron, Michigan – D.S.
- Jan 28 – Privacy Webinar – D.C., R.B., T.P.
- Jan 29 – Natural Heritage strategy mtg with Dave Posliff – P. Hayman; followup mtg with S.H.

February

- Feb 9 – CACIS Conference Call – C.D.
- Feb 9 – Tele Conference North Kent Wind – M.D., D.C.
- Feb 10 – Ferne Ave – Bluewater Developments, Plympton-Wyoming – P. H., S.H., D.C., T.P.
- Feb 11 - St. Clair-Detroit River Systems Initiative (SCDRSI) Annual Meeting, Taylor, Michigan – D.S, E.C.
- Feb 12 – Canadian Flood Risk conference call – P. Hayman
- Feb 20 – Petrolia Heritage Open House – L.A.
- Feb 22 – Middlesex Centre Meeting with Planner – P.H., D.C.
- Feb 25 – Teleconference North Kent Wind – M.D., D.C., G.S.

March

- Mar 3 – Union Gas Meeting at SCRCA – Pipeline – S.H., D.C.
- Mar 3 – Union Gas – D.C., S.H.
- Mar 7 – NOVA AST2 Project at St. Clair Twp. – D.C.
- Mar 7 – First Base Solutions – Web Map Service Teleconference – C.D.
- Mar 7-8 – Areas of Concern Communications Workshop, Burlington, Ontario – D.S
- Mar 9 – Groundwater and Natural Heritage Workshop for municipal planners held at SCRCA – PH, SH, DC
- Mar 21 – CRIC Meeting, Aamjiwnaang First Nation – D.S, B.M
- Mar 22 – Friends of the St. Clair River (FOSCR) Meeting, Mooretown, Ontario – D.S.
- Mar 22 – Lambton County Official Plan Open House in Forest – P.H., S.H.
- Mar 23 – St. Clair River Area of Concern Science Symposium, Wallaceburg, Ontario – D. S., E C.
- Mar 23 – CACWG – Halton – D.C.
- Mar 30 – Binational Public Advisory Council (BPAC) Meeting, Sarnia, Ontario – D.S.
- Mar 31 – Wetland Regulation Policy Open House @ SCRCA– D.C., S.H., E.C.
- Mar 31 – CACIS Teleconference – C.D.

Staff Report

10.(iii)



To: Board of Directors
Date: April 1, 2016
From: Sarah Hodgkiss, Planning Ecologist
Patty Hayman, Director of Planning
Subject: Natural Heritage Agreements, Study and Official Plans

Summary

- SCRCA has signed a Memorandum of Agreement (MOA) with Lambton County to provide comments regarding natural heritage on planning applications
- the Lambton County Natural Heritage Study (LCNHS) has been in development since 2007
- in 2014, the Provincial Policy Statement (PPS) was updated and now includes the requirement that municipalities must develop a natural heritage study for their region
- the LCNHS is the most up-to-date, accurate source for natural heritage data in Lambton County
- in order to fulfil our duties under the MOA, the SCRCA will need to rely on the study. Therefore, the study needs to be accepted by both the SCRCA Board of Directors and Lambton County Council so that it can be used in our planning advisory recommendations, and be admissible at Ontario Municipal Board Hearings

Background

Provincial Policy Statement Requirements

- the Provincial Policy Statement for 2014 requires that Municipalities develop a Natural Heritage Study for their jurisdiction
 - PPS 2.1.1 Natural features and areas shall be protected for the long term
 - PPS 2.1.3 Natural heritage systems shall be identified in Ecoregions 6E & 7E, recognizing that natural heritage systems will vary in size and form in settlement areas, rural areas, and prime agricultural areas.

What is a natural heritage system?

- a system of connected natural areas that provide ecological functions and enable movement of species across the landscape over the long term (Natural Heritage Reference Manual, 2010)
 - Ecological functions include water filtration, air quality, erosion control, wildlife habitat, sustainable harvest of woodland products, etc.
- linkages between forest patches and other significant natural features are important for the movement of both animals and plants, which is crucial to the long-term survival of the species

- Lambton County currently has 13.6% woodland cover, while Environment Canada recommends at least 30% of a watershed should be in forest cover
- remnant woodlands throughout Lambton County tend to be small in size, occurring in isolated fragments at the back of farm properties
- maintaining significant natural areas is essential to retain a fully functioning natural heritage system

Lambton County Natural Heritage Study

- Lambton County initiated a Natural Heritage Study in 2007, and SCRCA has been involved as a partner along with the Ministry of Natural Resources and Forestry, the City of Sarnia, and the Carolinian Canada Coalition
- SCRCA applied for funding, attended steering committee and technical committee meetings (>20), provided technical review/feedback/expertise on the study – there has been a large commitment of staff time and resources
- the study is meant to provide background for the Official Plan update
- the purpose of the study was to identify gaps in the information that county staff have related to natural heritage, and provide updates including;
 - providing up-to-date GIS mapping of the known natural heritage system in Lambton
 - determining technical criteria for designating significant natural areas
 - based on recommendations from the Ministry of Natural Resources, a review of other southern Ontario jurisdictions, requirements in the PPS, and a field study conducted from 2010-2012
 - criteria for natural heritage features and areas were presented to the public at a meeting on February 15, 2012. There were no concerns expressed at the meeting, nor have there been any concerns about the NHS criteria as presented in the draft County OP through two phases of public consultations.
 - developing recommendations for protecting Lambton's natural heritage system
 - without the Natural Heritage study, clear direction is not provided. There is greater ambiguity without the study.

Lambton County Official Plan Update

- Lambton County has used a natural heritage system approach since its adoption of the 1998 Official Plan – one of the first in Ontario to do so
- to achieve natural heritage protection and conservation, natural systems will continue to be identified in the official plan
- land use schedules and text policies should note the presence, location, features, functions and permitted uses in or in proximity to natural areas
- policies should promote stewardship of natural heritage on private property
- SCRCA is providing comments on the draft Official Plan

SCRCA MOA Regarding Natural Heritage pending support of the Natural Heritage Study

- plan to continue services as per MOA with Lambton County for 2016/2017
- sign additional MOAs with lower tier municipalities

Staff Report

10. (iv)



To: Board of Directors
Date: April 5, 2016
From: Donna Strang, Remedial Action Plan (RAP) Coordinator
Subject: St. Clair River Area of Concern (AOC)

Beneficial Use Impairment (BUI) Update:

Restrictions on Dredging Activities:

The “Restrictions on Dredging Activities” BUI was identified as “Impaired” in 1991 due to the need to dispose of dredged spoils from the St. Clair River navigation channel in a Confined Disposal Facility. This was required because contaminant concentrations exceeded Provincial Sediment Quality Guidelines developed by the Ontario Ministry of the Environment and Climate Change for open-water disposal. A report prepared in 2013 and approved by the Canadian Remedial Action Plan (RAP) Implementation Committee (CRIC) recommends re-designating this BUI to “Not Impaired”. This is based on the substantial decrease in municipal and industrial discharges, improved sediment quality and advancements in the disposal of dredged material. The recommendation has also been supported by Aamjiwnaang First Nation.

Consultation with the Walpole Island First Nation community has continued with a lunch time community presentation. In addition, the recommendation was presented to the Binational Public Advisory Council (BPAC) at their March 30th, 2016 meeting. BPAC members provided some feedback on the report which will be incorporated into the current draft. The recommendation to re-designate the “Restrictions on Dredging Activities” BUI to “Not Impaired” will be revisited at the next BPAC meeting scheduled for May 10th, 2016.

Beach Closings:

At the March 21, 2016 meeting of the CRIC, committee members approved the re-designation of the “Beach Closings” BUI from “Impaired” to “Not Impaired”, constituting the first step in the re-designation process.

The “Beach Closings” BUI was identified as “Impaired” in the St. Clair River AOC due to frequent closures of beaches due to high levels of *Escherichia coli* (*E. coli*) originating from Combined Sewer Overflows (CSOs) and Water Pollution Control Plants (WPCPs). The status assessment reported on improvements in municipal infrastructure that have reduced or eliminated untreated or partially treated discharges to the St. Clair River along with *E. coli* levels at local beaches and swimming areas. Results were positive. Next steps will include community consultation with Aamjiwnaang and Walpole Island

First Nations.



Local municipalities have significantly improved sewer and WPCP infrastructure that has resulted in improved E. coli levels at local swimming areas. Examples include the separation of combined sewers by the City of Sarnia (pictured left) and community of Wallaceburg. Upgrades and expansions to WPCPs have also occurred in Courtright, Point Edward and Sarnia.

High levels of E. coli at beaches throughout the Great Lakes have been attributed to the presence of waterfowl. In the St. Clair River AOC, many beaches and local swimming areas (such as Branton-Cundick park pictured right) are impacted by the presence of geese and ducks.



St. Clair River AOC Science Symposium:

On March 23, 2016, Walpole Island First Nation and Aamjiwnaang First Nation hosted a St. Clair River AOC Science Symposium. Despite inclement weather, approximately 80 community members and agency staff attended the evening event.



The purpose of the symposium was to share results with Walpole Island and Aamjiwnaang First Nation community members on collaborative projects relating to a number of fish and wildlife BUIs. Scientists from Environment and Climate Change Canada, the University of Windsor, the Ontario Ministry of the Environment and Climate Change and the Department of Fisheries and Oceans presented research results and answered questions.

The research projects reported on support a number of BUIs in the St. Clair River AOC including:

- Degradation of Benthos
- Fish Tumours and Other Deformities
- Restrictions on Fish and Wildlife Consumption

- Bird or Animal Deformities or Reproductive Problems
- Loss of Fish and Wildlife Habitat.

Presentations and Events:

Presentations were delivered and/or St. Clair River AOC information was displayed at recent meetings and events including:

1. St. Clair-Detroit River Systems Initiative Annual Meeting – February 11, 2016 in Taylor, Michigan
2. Go Wild Grow Wild Expo – April 2, 2016 in London, Ontario

Staff Report

10.(v)



To: Board of Directors
Date: April 1, 2016
From: Sarah Hodgkiss, Planning Ecologist
Subject: SCRCA Wetland Policy Information Sessions and Feedback

SCRCA took efforts to contact interested and potentially affected parties to inform them about our new internal policy.

The draft policy was brought to the Board of Directors at the September 17th meeting, and the carried motion stated “That the Board of Directors acknowledges the SCRCA Draft Regulation 171 Wetland Policy dated September 17, 2015, the proposed circulation for comments, proposed October 28 information session, and further directs the wetland team lead to report back to the Board on consultation”.

Information Sessions

Municipal

Staff sent an email to 60 municipal clerks, CAOs, planning staff, chief building officials and drain superintendents on October 21, 2015 (see attached list). We provided them with a letter outlining why we had written the policy, on what it was based, how to find out more information about wetlands in Ontario, and how they could provide comments or questions. We also provided the board update, and a background presentation on wetlands.

An information session for municipal staff was held on November 9, 2015. The information session was hosted at the SCRCA office from 10:00 am-12:00 pm. The staff regulations officers/environmental planner, biological technician, planning ecologist, and manager of biology attended to present and answer questions. The meeting was attended by 5 municipal staff, including 4 planners, and a drain superintendent.

A question and answer period followed a presentation on the function, identification and regulation of wetlands, and the draft policy. Many of the questions centred on the identification, delineation and communication of where wetlands are located – which is the jurisdiction of the Ministry of Natural Resources and Forestry. Questions specifically about the policy included the timeline for next steps, whether other Conservation Authorities had similar policies, and clarifying the different requirements between a regulations application and a planning application where wetlands are involved. At this time, we informed the municipal staff about our plans to post the policy on the website, and host an information session for the public. We have not received any written feedback from other municipal staff.

An update was provided to the board of directors at the November 12, 2015 meeting. The motion “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.” was passed.

Public

Based on feedback from the municipal meeting and board meeting, we moved forward with providing the policy to the public.

The draft wetland policy was posted on the SCRCA website on March 7, 2016. The webpage includes the policy, supporting documentation, and contact information (<https://www.scrca.on.ca/planning-and-regs/st-clair-region-conservation-authority-wetland-regulation-policy/>).

At the same time that we posted the policy, we included details on a public open house that would give the public an opportunity to ask questions about the policy. The information about the meeting was available here: <https://www.scrca.on.ca/st-clair-region-conservation-authority-wetland-regulation-policy/>. The open house took place on March 31, 2016 from 4:00 pm to 7:00 pm. Despite some interest on our Facebook page, there were no attendees, and we did not receive any questions through email or phone calls regarding the meeting.

Input Received

This process allowed interested or potentially affected partners to provide input into the draft policy. For all partners, we kept a record of the question asked, the method (in-person/phone/email), date received, answer given, method of answer, and if any follow-up was required.

No changes were made to the original draft of the policy. The questions received were generally clarification questions about jurisdiction and other policies related to wetlands.

Next Steps

The policy and supporting information will remain available on our website.

List of Municipal Staff Invited to Meeting

County/Municipality	Last Name	First	Position
Middlesex County	Vanderwerff	Durk	Manager of Planning
Middlesex Centre	Puzanov	Ben	Senior Planner
	Marsman	Arnie	Chief Building Official
	Smibert	Michelle	Chief Administrative Officer
Southwest Middlesex	McCahon	Sheila	Deputy Clerk
	Newitt	Janneke	Administrator/Clerk
Strathroy Caradoc	Coe	Ralph	Chief Administrative Officer
	Bancroft*	Marc	Senior Planner
	Stephenson	Matthew	Director of Building/Waste Services
Adelaide Metcalfe	Denomy	Jeff	Chief Building Official
	Elliott	Donna	Administrative Assistant
	Flewwelling	Brandon	Senior Planner GSP Consulting
	Reeve*	Jim	Drainage Superintendent
	Urbshott	Fran	Clerk Administrator
Lambton County	Posliff	Dave	Manager, Planning
	Uitvlugt	Barry	Senior Planner
	Richardson	Patti	Senior Planner
	Nadalin*	Ezio	Senior Planner
	Nesbitt	Rob	Planner
	Nywening*	Will	Planner
	Garardo	Frank	Planner
	Corbett	Peter	Planning Technician
	Nauta	Corrine	Manager Building Services, Chief Building Official
City of Sarnia	Cooper	Jane	Director of Planning and Building Services
	Edwards	Kevin	Planning Manager
	Williams	Max	Planner II
	Bourgeois	Nancy	Planner I
	Fohkens	Jordan	Planner I
	Hyatt	Eric	Planning Technician
	Robinson	Alyssa	Planning Secretary
	Shaw	Alan	Chief Building Official
	Moores	David	Drainage Superintendent
	Wright-Laking	Nancy	Clerk
St. Clair Township	Deline	Matt	Public Works
	McClemens	Carlie	Deputy Clerk/Coordinator of Planning
	Rodney	John	Chief Administrative Officer

County/Municipality	Last Name	First	Position
Dawn Euphemia	Dalton	Paul	Drainage Superintendent
Newbury	Gordon	Betty	Clerk
Brooke Alvinston	Denkers	Janet	Clerk-Administrator
	Dobbin	Ray	Drainage Superintendent
Warwick	Bruder	Don	Administrator-Treasurer
	Maver	Andrew	Drainage Superintendent
Enniskillen	McTavish	Duncan	Administrator Clerk/Treasurer
Point Edward	Burns	Jim	C.A.O./Clerk
Petrolia	Pearson	Mandi	Clerk/Executive Assistant
Oil Springs	Turk	Jennifer	Clerk-Treasurer
Lambton Shores	Williams	Kevin	Chief Administrative Officer
Plympton Wyoming	Kwarciak	Erin	Planning Coordinator
	Pratt	Kyle	Chief Administrative Officer
Chatham Kent	McAllister	Bruce	Director of Planning
	Coyne	Marsha	Senior Planner
	Jacques	Ryan	Planner
	McMullen*	Sally	Planner
	Shropshire	Don	Chief Administrative Officer
	Lacina	Paul	Director of Building Services/Chief Building Official
	Dick	Tim	Drainage Superintendent
SCRCA Staff	Hayman	Patty	Director of Planning
	Cundick	Dallas	Environmental Planner/Regulations Officer
	Hodgkiss	Sarah	Planning Ecologist
	Deisley	Melissa	Regulations Officer
	Durand	Chris	IT/GIS Coordinator
	Seidler	Alison	GIS Specialist
	Carroll	Erin	Manager of Biology

*Attended meeting

Staff Report

10.(vi)



To: Board of Directors
Date: April 7, 2016
From: Patty Hayman, Director of Planning
Subject: Kettle Stony Point First Nation and Lambton Shores (Ipperwash) Open House held at KSPFN Hillside School – “Working Together – Moving Forward”

The SCRCA Regulation staff were one of many groups to participate in the above noted event on Saturday April 2, 2016. The attendance was excellent and there was significant interest in the SCRCA hazard mapping on Ipperwash Beach as well as information on lake level history and trends.

Lorraine George, First Nation Manager/CEO, of Chippewas of Kettle & Stony Point First Nation, calculated 216 people attended with a good mixture of both communities. The event was held for 2 hours (11 am- 1 pm).





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

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

SCRCA DART Files
January 2016

DR #	Muni	TWP	Watercourse	Description	SCRs Issued
2624	Brooke-Alvinston	Brooke	Government drain #1	Bottom cleanout, brushing bank slope	2
2625	Brooke-Alvinston	Brooke	Pitz drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2626	Brooke-Alvinston	Brooke	Orange drain#1	Bottom cleanout, culvert replacement, brushing bank slope	3
2627	Enniskillen	Enniskillen	Moore drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2628	Enniskillen	Enniskillen	Kelly drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2629	Enniskillen	Enniskillen	Saarup drain	Sect 74- bottom cleanout, brushing bank slope, brushing top of bank	3
2638	Chatham-kent	Chatham	Hamilton and mickle drain	Bottom cleanout, brushing bank slope	2
2633	Warwick	Warwick	Hickory Creek drain	Bottom cleanout, brushing bank slope	2
2634	Warwick	Warwick	Sitter drain	Bottom cleanout, brushing bank slope	2
2635	Chatham-Kent	Chatham	Meadowvale drain	Bottom cleanout, brushing bank slope	2
2636	Chatham-Kent	Chatham	Forsyth drain	Bottom cleanout, brushing bank slope	2
2639	Chatham-Kent	Chatham	Gore, Drew, Mills-forsyth drains	Bottom cleanout, brushing bank slope	2
2631	Warwick	Warwick	Auld-Redmond drain	Bottom cleanout, brushing bank slope	2

January 2016 (Continued)

DR #	Muni	TWP	Watercourse	Description	SCRs Issued
2630	Warwick	Warwick	Mckay drain	Bottom cleanout, brushing bank slope	2
2637	St. Clair	Sombra	Murphy drain	Culvert replacement, changing from box culvert to pipe some realignment, could proceed with permit, received eng drawing	1

SCRCA DART Files

February 2016

DR #	MUNI	TWP	Watercourse	Description	SCRs Issued
2642	Chatham-Kent	Zone	Van neste drain	Sect 74-bottom cleanout, brushing bank slope	2
2632	Enniskillen	Enniskillen	Fox creek drain	Sect 74 - culvert replacements	1
2644	Warwick	Warwick	Graham drain	Sect 74-brushing bank slope	1

SCRCA DART Files

March 2016

DR #	MUNI	TWP	Watercourse	Description	SCRs Issued
2649	Chatham-Kent	Chatham	Danforth drain	Sect74-culvert replacement	1

***Note**

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

Prepared By: Tracy Prince
 March 15, 2016

ST CLAIR REGION CONSERVATION AUTHORITY
Statement of Revenue and Expenditure
For the Two Months Ended 29/02/2016

11.(i)

	Actual To Date			Annual Budget		Variance from Budget	
	Revenue	Expenditures	Surplus(Deficit)	Revenue	Expenditures	Revenue	Expenditures
Flood Control & Erosion Control	\$666,971	\$62,004	\$604,967	\$671,732	\$671,732	(\$4,761)	(\$609,728)
Capital Projects/WECI	\$192,632	\$21,131	\$171,500	\$171,100	\$171,100	\$21,532	(\$149,969)
Conservation Area's Capital Development	\$139,435	\$1,120	\$138,315	\$104,000	\$104,000	\$35,435	(\$102,880)
IT Capital	\$3,224	\$0	\$3,224	\$19,200	\$19,200	(\$15,976)	(\$19,200)
Equipment	\$13,150	\$0	\$13,150	\$72,000	\$72,000	(\$58,850)	(\$72,000)
Planning & Regulations	\$239,673	\$61,519	\$178,154	\$448,410	\$448,410	(\$208,737)	(\$386,891)
Technical Studies	\$319,438	\$32,089	\$287,349	\$262,623	\$262,623	\$56,815	(\$230,534)
Recreation	\$100,660	\$51,674	\$48,986	\$1,163,620	\$1,163,620	(\$1,062,960)	(\$1,111,946)
Property Management	\$25,911	\$37,753	(\$11,842)	\$285,500	\$285,500	(\$259,589)	(\$247,747)
Education and Communication	\$77,193	\$33,755	\$43,438	\$211,265	\$211,265	(\$134,072)	(\$177,510)
Source Water Protection	\$0	\$23,060	(\$23,060)	\$175,000	\$175,000	(\$175,000)	(\$151,940)
Conservation Services/Healthy Watersheds	\$584,584	\$72,895	\$511,688	\$583,650	\$583,650	\$934	(\$510,755)
Administration/AOC Management	\$509,106	\$94,026	\$415,080	\$1,173,063	\$1,173,063	(\$663,957)	(\$1,079,037)
	\$2,871,976	\$491,028	\$2,380,948	\$5,341,163	\$5,341,163	(\$2,469,187)	(\$4,850,135)

Notes:

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

**ST. CLAIR REGION CONSERVATION AUTHORITY
DISBURSEMENTS FROM January to March 2016**

**11.(ii)
Sarah Kellestine**

CHQ. #	DATE	VENDOR	DESCRIPTION	AMOUNT
17609	1/11/2016	ONTARIO MINISTER OF FINANCE	Employer Health Tax	\$ 4,623.70
17610	1/15/2016	KEVAN BAKER	Employee Expenses	\$ 11.61
17611	1/15/2016	DIANNA BATTSON	Proof Reading	\$ 90.00
17612	1/15/2016	MUNICIPALITY OF BROOKE-ALVINST	Hall Rental	\$ 75.00
17613	1/15/2016	DIANE BRODIE	Pension Reimbursement	\$ 84.08
17614	1/15/2016	BUFFETT, TAYLOR & ASSOCIATES I	Group Benefits	\$ 10,958.49
17615	1/15/2016	Campbells Outdoor Power Equipm	Vehicle Maint	\$ 80.98
17616	1/15/2016	Canadian Linen & Uniform	Mats	\$ 109.80
17617	1/15/2016	CONSERVATION ONTARIO	Levy	\$ 13,968.50
17618	1/15/2016	BILL DAKIN	Pension Reimbursement	\$ 572.74
17619	1/15/2016	D. Edwards Electric	Repairs	\$ 887.05
17620	1/15/2016	DELTA POWER EQUIPMENT	Kubota Purchase	\$ 8,910.21
17621	1/15/2016	DOWLER KARN PROPANE	Fuel	\$ 73.19
17622	1/15/2016	John Duff Ltd	Stop Log	\$ 3,769.68
17623	1/15/2016	Englobe Corp.	Professional Fees	\$ 12,384.80
17624	1/15/2016	Equipment Medic	Pump	\$ 157.07
17625	1/15/2016	FOREST CITY BUSINESS EQUIPMENT	Photocopier	\$ 372.90
17626	1/15/2016	Hy-Way Collision Ltd.	Repairs	\$ 941.86
17627	1/15/2016	KELLY JOHNSON	Employee Expenses	\$ 59.61
17628	1/15/2016	Sarah Kellestine	Uniform	\$ 51.98
17629	1/15/2016	KYIS EMBROIDERY	Uniform	\$ 36.16
17630	1/15/2016	Land Improvement Contractors o	Registration	\$ 418.10
17631	1/15/2016	LOBLAW COMPANIES LIMITED	Meeting Supplies	\$ 15.78
17632	1/15/2016	MAITLAND VALLEY CONSERVATION A	Grant Payment	\$ 16,000.00
17633	1/15/2016	NIELSEN'S FLOWERS/COUNTRYGOOSE	Flowers	\$ 101.70
17634	1/15/2016	Ontario Municipal Management Institute	Membership	\$ 90.00
17635	1/15/2016	PUROLATOR COURIER	Postage	\$ 101.19
17636	1/15/2016	Schooley Mitchell Telecom Consultants	Savings Contract	\$ 359.75
17637	1/15/2016	Servicemaster	Office Cleaning	\$ 362.25
17638	1/15/2016	STEVE SHAW	Employee Expenses	\$ 125.00
17639	1/15/2016	Strathroy & District Chamber o	Advertising	\$ 265.55
17640	1/15/2016	THREE MAPLES VARIETY	Fuel	\$ 430.00
17641	1/15/2016	TOWNSHIP OF WARWICK	Utilities	\$ 82.53

17642	1/15/2016 WATSON TIM-BR MART	Supplies	\$	1,144.80
17643	1/15/2016 Wyoming Tree Service	Snow Removal	\$	271.20
17644	1/15/2016 MUNICIPALITY OF SOUTHWEST MIDD	Building Permit	\$	500.00
17645	1/18/2016 TOWNSHIP OF ST. CLAIR	Demo Permit	\$	600.00
17646	1/18/2016 TOWN OF PLYMPTON-WYOMING	Demo Permit	\$	1,565.00
17647	1/27/2016 Middlesex Soil & Crop Improvem	Booth Fee	\$	125.00
17648	2/1/2016 ALS CANADA LIMITED	Water Samples	\$	1,213.62
17649	2/1/2016 BF ENVIRONMENTAL CONSULTANTS	Project Competition	\$	15,418.85
17650	2/1/2016 BUFFETT, TAYLOR & ASSOCIATES I	Group Benefits	\$	11,098.33
17651	2/1/2016 Canadian Linen & Uniform	Mats	\$	146.40
17652	2/1/2016 Carswell	Subscription	\$	123.72
17653	2/1/2016 Chartered Professional Accountants of Ontario	Annual Fees	\$	678.00
17654	2/1/2016 STEPHEN CLARK	Employee Expenses	\$	260.63
17655	2/1/2016 CONSERVATION ONTARIO	GIS Software Annual Maintenance	\$	4,027.93
17656	2/1/2016 DOWLER KARN PROPANE	Fuel	\$	133.58
17657	2/1/2016 G-B Excavating	Pavilion Demo	\$	3,955.00
17658	2/1/2016 MELISSA GILL	Employee Expenses	\$	145.20
17659	2/1/2016 LARRY MACDONALD CHEV OLDS	Vehicle Maint	\$	479.05
17660	2/1/2016 BRIAN MCDOUGALL	Employee Expenses	\$	402.54
17661	2/1/2016 Mt. Brydges Ford Sales Ltd.	Vehicle Maint	\$	45.15
17662	2/1/2016 SHARON NETHERCOTT	Employee Expenses	\$	221.21
17663	2/1/2016 ONTARIO MINISTER OF FINANCE	Employer Health Tax	\$	2,815.52
17664	2/1/2016 Ontario Bluewater Visitor Guide	Advertising	\$	211.31
17665	2/1/2016 PODOLINSKY FARM EQUIPMENT	Vehicle Maint	\$	123.11
17666	2/1/2016 TRACY PRINCE	Employee Expenses	\$	117.67
17667	2/1/2016 PUROLATOR COURIER	Postage	\$	200.81
17668	2/1/2016 Schooley Mitchell Telecom Consultants	Savings Contract	\$	2,101.08
17669	2/1/2016 Servicemaster	Office Cleaning	\$	1,096.75
17670	2/1/2016 JEFF SHARP	Employee Expenses	\$	215.00
17671	2/1/2016 Shannon Vending Limited	Meeting Supplies	\$	109.90
17672	2/1/2016 SIGNS AND DESIGNS	Signage	\$	158.20
17673	2/1/2016 WATFORD HOME HARDWARE BUILDING	Supplies	\$	619.75
17674	2/1/2016 WICKS CONSTRUCTION AND GENERAL	Cathcart Park Revitalization	\$	23,465.14
17675	2/17/2016 21 SHELL & VARIETY	Fuel	\$	121.00
17676	2/17/2016 Aamjiwnaang First Nation Envir	Grant Payment	\$	25,000.00
17677	2/17/2016 ALS CANADA LIMITED	Water Samples	\$	1,415.89
17678	2/17/2016 Avensys Solutions	Water Bottles	\$	638.45

17679	2/17/2016 Bird Studies Canada	Bird Studies	\$	600.00
17680	2/17/2016 Canadian Linen & Uniform	Mats	\$	73.20
17681	2/17/2016 DOWLER KARN PROPANE	Fuel	\$	462.83
17682	2/17/2016 DUN-RITE LANDSCAPING INC.	Snow Removal	\$	835.07
17683	2/17/2016 ENSPEC INC	Pre Demo Survey	\$	1,221.75
17684	2/17/2016 FOREST AGRI SERVICES LTD.	Pool Supplies from 2015	\$	2,215.74
17685	2/17/2016 GENCARE SERVICES	Maintenance Agreement - Generating system	\$	604.55
17686	2/17/2016 Hub Creative Group	Advertising	\$	395.50
17687	2/17/2016 Industrial Health and Safety Environment	Health and Safety	\$	207.73
17688	2/17/2016 KELLY JOHNSON	Employee Expenses	\$	35.00
17689	2/17/2016 KENN'S PRINTING LTD.	stamp	\$	17.15
17690	2/17/2016 K T Excavating	Demo AWC	\$	2,135.70
17691	2/17/2016 KYIS EMBROIDERY	Uniform	\$	9.04
17692	2/17/2016 LANDSTRA CATERING	Meeting Supplies	\$	233.71
17693	2/17/2016 LOBLAW COMPANIES LIMITED	Meeting Supplies	\$	22.55
17694	2/17/2016 MILLIKEN PLUMBING & HEATING LT	Repairs	\$	909.65
17695	2/17/2016 NOTHERS	Name tags	\$	256.68
17696	2/17/2016 PUROLATOR COURIER	Postage	\$	15.65
17697	2/17/2016 Leonard Smith	Grant for HLH Septic	\$	2,745.00
17698	2/17/2016 SOMERVILLE NURSERIES INC.	Deposit for Trees	\$	12,590.00
17699	2/17/2016 SUN MEDIA CORPORATION	Advertising	\$	241.26
17700	2/17/2016 SUPERIOR COMPUTER SALES INC.	Supplies	\$	27.97
17701	2/17/2016 TOWNSHIP OF ENNISKILLEN	Utilities	\$	239.00
17702	2/17/2016 TOWN OF PLYMPTON-WYOMING	Utilities	\$	317.36
17703	2/17/2016 TOWNSHIP OF DAWN-EUPHEMIA	Utilities	\$	46.95
17704	2/17/2016 Trimen Foodservice Equipment	Dishwasher supplies	\$	59.33
17705	2/17/2016 ULTRAGUARD SECURITY SYSTEMS	Security	\$	288.14
17706	2/17/2016 WATSON TIM-BR MART	Supplies	\$	73.56
17707	2/17/2016 Wyoming Tree Service	Snow Removal	\$	271.20
17708	3/1/2016 ADVANTAGE FARM EQUIPMENT LTD.	Supplies	\$	87.29
17709	3/1/2016 ALS CANADA LIMITED	Water Samples	\$	1,820.44
17710	3/1/2016 MUNICIPALITY OF BROOKE-ALVINST	Hall Deposit	\$	100.00
17711	3/1/2016 BUFFETT, TAYLOR & ASSOCIATES I	Group Benefits	\$	11,028.41
17712	3/1/2016 Canadian Linen & Uniform	Mats	\$	54.90
17713	3/1/2016 DELAWARE PUMP & PARTS LIMITED	Parts	\$	1,082.53
17714	3/1/2016 DISTINCT IMPRESSION	Advertising	\$	322.05
17715	3/1/2016 Elgin, Lambton, Middlesex Chapter DSAO	Membership Fee	\$	175.00

17716	3/1/2016 Forest Gene Conservation Association	Membership Fee	\$ 20.00
17717	3/1/2016 MELISSA GILL	Employee Expenses	\$ 443.85
17718	3/1/2016 Jeramel Farms Ltd	GLASI Meeting Expense	\$ 690.60
17719	3/1/2016 LANDSTRA CATERING	Meeting Supplies	\$ 1,106.72
17720	3/1/2016 LOBLAW COMPANIES LIMITED	Meeting Supplies	\$ 65.14
17721	3/1/2016 SHARON NETHERCOTT	Employee Expenses	\$ 444.95
17722	3/1/2016 ONTARIO MINISTER OF FINANCE	Employer Health Tax	\$ 2,846.01
17723	3/1/2016 PUROLATOR COURIER	Postage	\$ 86.16
17724	3/1/2016 Shannon Vending Limited	Meeting Supplies	\$ 109.90
17725	3/1/2016 SFSTCP	Certification	\$ 200.00
17726	3/1/2016 Strathroy & District Chamber o	Advertising	\$ 84.75
17727	3/1/2016 TOWNSHIP OF ST. CLAIR	Utilities	\$ 57.99
17728	3/1/2016 University of Guelph	Training	\$ 1,495.00
17729	3/1/2016 BRIAN MCDOUGALL	Employee Expenses	\$ 449.35
17730	3/3/2016 The Green Cafe	Meeting Supplies	\$ 1,130.00
17731	3/11/2016 21 SHELL & VARIETY	Fuel	\$ 102.50
17732	3/11/2016 AGMEDIA INC.	Subscription	\$ 74.00
17733	3/11/2016 Canadian Linen & Uniform	Mats	\$ 36.60
17734	3/11/2016 STEPHEN CLARK	Employee Expenses	\$ 226.69
17735	3/11/2016 CHRIS DURAND	TV for board room	\$ 1,095.50
17736	3/11/2016 FOREST CITY BUSINESS EQUIPMENT	Photocopier	\$ 353.13
17737	3/11/2016 Hodgkiss, Sarah	Employee Expenses	\$ 314.06
17738	3/11/2016 Sarah Kellestine - Petty Cash	Petty Cash	\$ 230.55
17739	3/11/2016 KLEEFMAN CLEANING SERVICES	Office Cleaning	\$ 310.75
17740	3/11/2016 KYIS EMBROIDERY	Uniform	\$ 36.16
17741	3/11/2016 LOBLAW COMPANIES LIMITED	Service Awards	\$ 1,081.79
17742	3/11/2016 Heather Long	Employee Expenses	\$ 248.90
17743	3/11/2016 MCCARRON PLUMBING & HEATING LTD	Repairs	\$ 429.40
17744	3/11/2016 MIDDLESEX PRINTING CORPORATION	Annual Reports	\$ 1,040.46
17745	3/11/2016 PODOLINSKY FARM EQUIPMENT	Repairs	\$ 43.36
17746	3/11/2016 PUROLATOR COURIER	Postage	\$ 54.49
17747	3/11/2016 SIGNS AND DESIGNS	Signage	\$ 84.75
17748	3/11/2016 DON SKINNER	Employee Expenses	\$ 110.00
17749	3/11/2016 SPEEDY GLASS (STRATHROY)	Repairs	\$ 495.67
17750	3/11/2016 THE STANDARD	Subscription	\$ 80.00
17751	3/11/2016 STRATHROY SPORTS EXCELLENCE	Team Building Shirts	\$ 1,361.37
17753	3/11/2016 SUPERIOR COMPUTER SALES INC.	Computers	\$ 2,050.95

17754	3/11/2016 VAN TUYL & FAIRBANK	Supplies	\$	76.57
17755	3/11/2016 WATFORD HOME HARDWARE BUILDING	Supplies	\$	79.61
17756	3/11/2016 MPW Chartered Professional accountants LLP	Professional Fees	\$	14,548.75
17757	3/11/2016 Wyoming Tree Service	Snow Removal	\$	271.20
17758	3/11/2016 SUPERIOR COMPUTER SALES INC.	Computers	\$	753.71
17759	3/16/2016 TIM PAYNE	Employee Expenses	\$	90.20
17760	3/18/2016 Maawn Doosh Guming Community Centre	Hall Rental	\$	175.00
17761	3/18/2016 GIRISH SANKAR	Employee Expenses	\$	346.50
17762	3/18/2016 Can Grow Crop Solutions Inc	HSP Grant	\$	1,850.00
17763	3/18/2016 JEFF SHARP	Employee Expenses	\$	62.61
17764	3/23/2016 BlueWater Trailers	Deposit for Trailer	\$	500.00

TOTAL CHEQUE DISBURSEMENTS - BANK #1 -

257,203.59

INTERNET BANKING January to March 2016

TRANS #	DATE	VENDOR	DESCRIPTION	AMOUNT
8320	1/31/2016	BELL CANADA	Telephone	\$ 16.04
8321	1/31/2016	BELL CANADA	Telephone	\$ 448.18
8322	1/31/2016	BELL MOBILITY CELLULAR	Internet	\$ 68.03
8323	1/31/2016	BLUEWATER POWER	Utilities	\$ 135.52
8324	1/31/2016	BROOKE TELECOM CO-OP	Telephone	\$ 150.06
8325	1/31/2016	ENTEGRUS SERVICES INC. (CHATHA	Utilities	\$ 876.21
8326	1/31/2016	Execulink Telecom	Internet	\$ 861.41
8327	1/31/2016	FCDQ (DESJARDINS)	Office Supplies	\$ 664.23
8329	1/31/2016	HYDRO ONE Networks Inc.	Utilities	\$ 2,768.09
8330	1/31/2016	MASTERCARD	Misc Purchases	\$ 7,318.96
8331	1/31/2016	Municipality of Lambton Shores - Property Taxes	Property Tax	\$ 123.93
8332	1/31/2016	PETRO CANADA INC.	Fuel	\$ 1,462.83
8333	1/31/2016	RECEIVER GENERAL	Source Deductions	\$ 21,436.72
8334	1/31/2016	Rogers Cable Communications Inc	Internet	\$ 192.04
8335	1/31/2016	ROGERS WIRELESS	Telephone	\$ 474.85
8336	1/31/2016	UNION GAS LIMITED	Utilities	\$ 178.17
8337	1/31/2016	WORKPLACE SAFETY & INS. BOARD	WSIB	\$ 4,157.70

8338	2/29/2016 BELL CANADA	Telephone	\$	22.14
8339	2/29/2016 BELL CANADA	Telephone	\$	408.66
8340	2/29/2016 BELL MOBILITY CELLULAR	Internet	\$	67.80
8341	2/29/2016 BROOKE TELECOM CO-OP	Telephone	\$	198.83
8342	2/29/2016 City of Sarnia - Property Tax	Property Tax	\$	108.62
8343	2/29/2016 Corpotation of the town of Petrolia - Property Taxes	Property Tax	\$	208.00
8344	2/29/2016 ENTEGRUS SERVICES INC. (CHATHA	Utilities	\$	759.53
8345	2/29/2016 Execulink Telecom	Internet	\$	861.41
8346	2/29/2016 FCDQ (DESJARDINS)	Office Supplies	\$	605.19
8348	2/29/2016 HYDRO ONE Networks Inc.	Utilities	\$	3,386.09
8349	2/29/2016 MASTERCARD	Misc Purchases	\$	3,931.32
8350	2/29/2016 Municipality of Lambton Shores - Property Taxes	Property Tax	\$	450.00
8352	2/29/2016 Municipality of Chatham-Kent - Property Taxes	Property Tax	\$	5,722.68
8353	2/29/2016 Municipality of Southwest Middlesex - Property Tax	Property Tax	\$	1,027.00
8354	2/29/2016 Municipality of Brooke Alvinston - Property Taxes	Property Tax	\$	1,044.00
8355	2/29/2016 Municipality of Middlesex Centre - Property Tax	Property Tax	\$	262.00
8356	2/29/2016 Municipality of Strathroy Caradoc - Property Tax	Property Tax	\$	829.56
8357	2/29/2016 MY BROADCASTING CORPORATION	Advertising	\$	619.24
8358	2/29/2016 OMERS	Pension	\$	56,784.24
8359	2/29/2016 PETRO CANADA INC.	Fuel	\$	960.89
8360	2/29/2016 RECEIVER GENERAL	Source Deductions	\$	65,611.90
8361	2/29/2016 Rogers Cable Communications Inc	Internet	\$	192.04
8362	2/29/2016 ROGERS WIRELESS	Telephone	\$	430.88
8365	2/29/2016 Township of St. Clair - Property Taxes	Property Tax	\$	15,096.29
8366	2/29/2016 Township of Warwick - Property Taxes	Property Tax	\$	958.00
8367	2/29/2016 UNION GAS LIMITED	Utilities	\$	238.87
8368	2/29/2016 WORKPLACE SAFETY & INS. BOARD	WSIB	\$	3,917.56
8369	2/29/2016 Municipality of Middlesex Centre - Property Tax	Property Tax	\$	349.00
8370	3/31/2016 BELL CANADA	Telephone	\$	18.36
8371	3/31/2016 BELL CANADA	Telephone	\$	408.43
8372	3/31/2016 BELL MOBILITY CELLULAR	Internet	\$	67.80
8373	3/31/2016 BLUEWATER POWER	Utilities	\$	145.84
8374	3/31/2016 BROOKE TELECOM CO-OP	Telephone	\$	233.65
8375	3/31/2016 ENTEGRUS SERVICES INC. (CHATHA	Utilities	\$	1,065.89
8376	3/31/2016 Execulink Telecom	Internet	\$	985.71
8377	3/31/2016 FCDQ (DESJARDINS)	Office Supplies	\$	181.27
8379	3/31/2016 HYDRO ONE Networks Inc.	Utilities	\$	3,313.38

8380	3/31/2016 MASTERCARD	Misc Purchases	\$	2,630.63
8381	3/31/2016 PETRO CANADA INC.	Fuel	\$	1,415.81
8382	3/31/2016 RECEIVER GENERAL	Source Deductions	\$	21,451.56
8383	3/31/2016 Rogers Cable Communications Inc	Internet	\$	189.27
8384	3/31/2016 ROGERS WIRELESS	Telephone	\$	505.47
8385	3/31/2016 Township of Dawn-Euphemia property taxes	Property Tax	\$	215.50
8386	3/31/2016 UNION GAS LIMITED	Utilities	\$	225.00
8387	3/31/2016 WORKPLACE SAFETY & INS. BOARD	WSIB	\$	4,437.41
8388	3/31/2016 Township of Dawn-Euphemia property taxes	Property Tax	\$	297.50

TOTAL INTERNET DISBURSEMENTS - BANK NO. 1 -

244,173.19

PAYROLL RUNS

PAYROLL NO. 1	\$	46,593.84
PAYROLL NO. 2	\$	47,181.78
PAYROLL NO. 3	\$	47,181.77
PAYROLL NO. 4	\$	47,181.79
PAYROLL NO. 5	\$	46,026.23
PAYROLL NO. 6	\$	53,894.98

TOTAL PAYROLL RUNS -

288,060.39

TOTAL DISBURSEMENTS -

789,437.17

2016 GENERAL LEVY SUMMARY

GLYSUM2015
Sarah Kellestine
7-Apr-16

MUNICIPALITY	GROSS LEVY	PAID TO DATE	OUTSTANDING
Sarnia	\$ 277,949.00	\$ 138,974.50	\$ 138,974.50
Chatham-Kent	93,498.00		93,498.00
Brooke-Alvinston Twp.	11,145.00	11,145.00	0.00
Dawn Euphemia Twp.	17,020.00	4,255.00	12,765.00
Enniskillen Twp.	12,057.00		12,057.00
Lambton Shores M.	34,406.00	34,406.00	0.00
Oil Springs V	1,390.00	1,390.00	0.00
Petrolia T	17,032.00	17,032.00	0.00
Plympton-Wyoming T	35,855.00		35,855.00
Point Edward V	16,834.00	16,834.00	0.00
St. Clair Twp.	76,581.00	76,581.00	0.00
Warwick Twp.	14,176.00	14,176.00	0.00
Adelaide Metcalfe Twp.	11,938.00		11,938.00
Middlesex Centre Twp.	14,757.00	14,757.00	0.00
Newbury V	1,070.00	1,070.00	0.00
Southwest Middlesex M.	7,957.00	7,957.00	0.00
Strathroy-Caradoc M.	57,791.00	14,447.75	43,343.25
TOTAL	\$ 701,456.00	\$ 353,025.25	\$ 348,430.75

For the period ending **February 29, 2016**
Date of last statement: January 31, 2016
Primary account: 440-17189

02954



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



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Account overview

Canadian dollar account

	Market value
440-17189-13 Cash 17189	1,379,190.34
This month	1,379,190.34
Last statement	1,379,185.02
Grand total in Cdn\$	1,379,190.34
This month	1,379,190.34
Last statement	1,379,185.02

You can access your up-to-date account information online through BMO Nesbitt Burns Gateway at:
<https://gateway.bmonesbittburns.com>
If you have not yet registered for Gateway access, please contact your Investment Advisor.

Bulletin board

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

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The US/CDN conversion rate is: 1.3531, as of February 29th.

JTA0172791-0011815-02954-0002-0001-00-

FS4000-ROLL (May 2015)

Canadian dollar account

Summary of your investments

Cash 17189 account		
	Market Value (CDN currency)	% Invested by Asset Class
Cash & short-term investments		100%
Cash	125,673.34	
Long Positions	1,253,517.00	
Total value of your investments	1,379,190.34	100%

Summary of income and expenses

	This month's income	This month's expenses	Year-to-date income	Year-to-date expenses
Dividends	0.00	0.00	0.00	0.00
Interest	5.32	0.00	10.66	0.00
Total	5.32	0.00	10.66	0.00

Details of your investments

Cash & short-term investments

Account type	Description	Quantity	Average cost	Total cost (CDN currency)	Market price	Total market value (CDN currency)
Cash	Cash balance as of February 29			125,673.34		125,673.34
Cash	BANK OF MONTREAL GIC 30 DAY CASHABLE ANNUAL DUE 05/11/2016 0.950%	927,467	100.000	927,467.00	100.000	927,467.00
Cash	BANK OF MONTREAL GIC 30 DAY CASHABLE ANNUAL DUE 06/20/2016 0.950%	226,050	100.000	226,050.00	100.000	226,050.00
Cash	EQUITABLE TRUST GIC ANNUAL DUE 09/07/2016 2.400%	100,000	100.000	100,000.00	100.000	100,000.00
Total - cash & short-term investments				1,379,190.34		1,379,190.34

Total of your investments **1,379,190.34** **1,379,190.34**

JTA0172781-0011816-02954

For the period ending **February 29, 2016**
Primary account: 440-17189

Monthly activity

Transaction details

Cash account 440-17189

Settle date	Activity	Description	Quantity	Price	Income/Expense	Amount (CAD currency)
Feb 1		Opening cash balance				125,668.02
Feb 22	Interest	INTEREST ON CREDIT BALANCE AT 0.050% 01/22 THRU 02/21			Income	5.32
Feb 29		Closing cash balance				125,673.34



JTA0172791-0011817-02954-0002-0002-00-

FR4000-ROLL (May 2015)

Other important information

About this statement

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

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

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

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

Legend of Average Cost indicators

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

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

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

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

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

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

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A member of BMO Financial Group.

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

Prices of the securities in your accounts

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

Legend of Market Price indicators

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

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

Deferred Sales Charge

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

Registered accounts

The trustee for registered accounts is BMO Trust Company.

Investor protection

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

Insurance products

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

Sales Tax information

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



ACPC07 - 9851
 SWSTM11000_6524201_001 E D **04754**

Account Number: **460-16010**
 Account Type: Regular Account
 For the Period: **March 1 to 31, 2016**
 Last Statement: February 29, 2016

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

Address Information

148 Fullarton Street
 Suite 1801
 London ON
 N6A 5P3

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

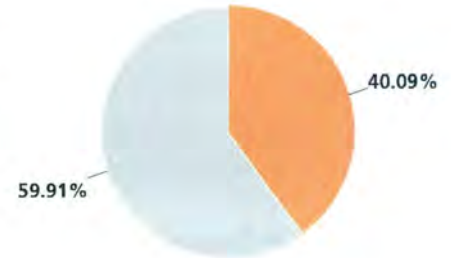
Your Wealth Advisor

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

CANADIAN Account Overview

Currency: CANADIAN DOLLAR

Asset Class Summary	Mar. 31, 2016 Market Value	% of Total Assets
Fixed Income	285,197	40.09
Other	426,167	59.91
Total Value of Account	\$711,364	100.00
Total Value on Last Statement, February 29, 2016	\$703,515	



JTA0252846-0031051-04754-0003-0001-00-

Details of Your Account Holdings

Type	Security Description	Quantity	Average Cost	Adjusted Book Value	Market Price	Market Value
Fixed Income						
CASH	MANULIFE STRATEGIC INCOME FUND CL F NL (659)	5,775.52	12.774	73,777	12.862	74,285
CASH	PIMCO MONTHLY INCOME FUND (CANADA) CL M (505)	15,140.833	14.519	219,837	13.930	210,912
Total Fixed Income						\$285,197
Other						
CASH	MACKENZIE GLOBAL TACTICAL INVESTMENT GRADE BD FD SERIES PWF (6526)	21,303.355	9.993	212,897	10.023	213,524
CASH	SIGNATURE CANADIAN BOND CORP CLASS EF NL (15137)	20,991.394	10.294	216,092	10.130	212,643
Total Other						\$426,167
Total Account Holdings				\$722,603	\$711,364	

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

Monthly Activity

Date	Type	Activity	Description	Quantity	Price	Credit/Debit(-)
Opening Cash Balance						\$0.00
Mar. 01, 2016	CASH	DIVIDEND	PIMCO MONTHLY INCOME FUND (CANADA) CL M (505) REINVEST 02/29/16 @ \$13.7388 PLUS FRACTIONS OF 0.309 BOOK VALUE \$704.92	51		
Mar. 21, 2016	CASH	DIVIDEND	MACKENZIE GLOBAL TACTICAL INVESTMENT GRADE BD FD SERIES PWF (6526) REINVEST 03/18/16 @ \$9.9766 PLUS FRACTIONS OF 0.066 BOOK VALUE \$299.95	30		

Monthly Activity - continued

Date	Type	Activity	Description	Quantity	Price	Credit/Debit(-)
Mar. 28, 2016	CASH	DIVIDEND	MANULIFE STRATEGIC INCOME FUND CL F NL (659) REINVEST 03/24/16 @ \$12.8040 PLUS FRACTIONS OF 0.457 BOOK VALUE \$121.09	9		
Mar. 28, 2016	CASH	DIVIDEND	SIGNATURE CANADIAN BOND CORP CLASS EF NL (15137) REINVEST 03/24/16 @ \$10.0900 PLUS FRACTIONS OF 0.986 BOOK VALUE \$6,094.22	603		

Closing Cash Balance

\$0.00

Summary

Income Summary

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



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

A Note From ScotiaMcLeod

At ScotiaMcLeod we are committed to meeting your needs. Your advisor and their support team are at your service to help with any questions that you have about your account. If for some reason you need to reach someone else to discuss your situation please call the branch manager whose name and number are on the front page or call the regional office at 1-866-895-0814.

Annual Statement Message

Effective May 30, new securities legislation requires investors are provided with a Fund Facts document prior to purchasing a Mutual Fund, subject to certain exceptions. A Fund Facts is a 2-page overview that describes the key characteristics of a Mutual Fund, including the level of risk of the fund, recent fund performance, and an overview of the fees. This new "pre-trade" disclosure is part of a broader commitment to provide investors with more meaningful and timely information. If you have any questions please contact your Wealth Advisor.

Please be advised that you can request a Fund Facts document for mutual funds purchased through your systematic or pre-authorized purchase plan or group investment plan by contacting your Wealth Advisor.

Your Personal Investment Profile

The following information reflects your stated investment objectives and risk tolerance for this account, as well as your overall investment knowledge. If you would like to make any changes, have questions about whether or not this is appropriate for you or would like to discuss how your current investments correspond to this profile, please contact your Wealth Advisor.

For more information, please review Guidelines for Investment Objectives and Related Account Risk Factors in the ScotiaMcLeod Terms and Conditions and Relationship Disclosure brochure.

Alternatively, please visit <http://www.scotiabank.com/ca/common/pdf/scotiamcleod/TandC.pdf>.

Investment Objectives

Income:	100%
Long Term Capital Appreciation:	
Short Term Capital Appreciation / Speculative Trading:	

Risk Tolerance

Low Risk:	85%
Medium Risk:	15%
High Risk:	

Overall Investment Knowledge

Investment Knowledge:	Medium
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Terms and Conditions

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

Average Cost & Adjusted Book Value

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

Statement Frequency

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

Relationship with TMX Group Limited

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

Leverage / Margin Risk Disclosure Statement

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

Wealth Advisor Information

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

Cash Balances

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

Asset Class Summary

Asset classes you hold will be displayed under the Asset Class Summary section in the statement. Please note that only the asset classes of securities you hold in your account will be displayed on your statement. The term "Total Value of Account" refers to the total market value of priced securities within your account, by currency, including cash balances at the close of the date indicated.

Income Summary (Regular Accounts Only)

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

Payment Information (RIF and LIF Accounts Only)

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

Monthly Activity

This section shows all the activity in your account during the month. The Date column refers to the settlement date in the case of executed trades, or processing date in the case of other entries. Direct Funds Transfers made to

your account on the last business day of the month may not appear on your month end statement until the following month.

Short Account

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

Details of Your Account Holdings

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

Segregated Quantity

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

Remuneration for Order Flow

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

Member - Canadian Investor Protection Fund

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

Endnotes

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

Other Information

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

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

This statement reflects all obligations of the firm to you. Please examine this statement of account promptly. Any errors or omissions or unauthorized discretionary transactions must be reported in writing within 60 days as of the date of this statement to: ScotiaMcLeod Compliance Department, 40 King Street West, Box 4085, Station 'A', Scotia Plaza, Toronto, Ontario, M5W 2X6 or you will be precluded from asserting that errors or omissions have occurred.

Code Information

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

Staff Report



To: Board of Directors
Date: April 8, 2016
From: Tracy Prince, Director of Finance
Subject: Retention Policy – Document Destruction List

Under the St. Clair Region Conservation Authority Retention Policy, the Board must approve destruction of documentation subject to this policy when the specified time has passed to retain the information.

Attached is a listing of documents compiled for shredding by a qualified shredding company that will be scheduled following the Board approval of the destruction of these documents.

Authority Destruction List - September 2013

11.(v)

Dates	Description	No.
2006	Accounts Payable - Cheques A-H	
2004	Accounts Payable - Cheques J-S	
2005	Accounts Payable - Cheques	
2006	Accounts Receivable Payments	
2005	Accounts Receivable Payments	
2006	June A/R & Cash Receipts	
2006	May A/R & Cash Receipts	
2005	Outdoor Education Receipts	
2006	Invoices AR-M 2509-3210	
2000	RLSN invoices	
2005	Monthly Statement - January-October	
2000	Bank No. 8 Forestry Reserve Bank Statements	
2000	Downsizing Bank	
2000	Payables	
2005	Cash Receipts Payments	
2002	Business Banking Statements	
2000	Accounts Receivable Payments	
2000	Accounts Payable Cheques	
2008	WWK #3 Receipt Book	4001-4025
2008	WWK #4 Receipt Book	4076-4100
2008	WWK #5 Receipt Book	4101-4125
2008	WWK #6 Receipt Book	1551-1575
2008	WWK #7 Receipt Book	4401-4425
2007	AWC #2 Receipt Book	351-375
2007	LCH #1 Receipt Book	251-275
2008	LCH #2 Receipt Book	4051-4075
2005-2006	Receipt Book	19526-19550
2004-2005	Receipt Book	18151-18175
2005-2006	Receipt Book	19226-19250
1999-2001	Receipt Book	14626-14650
2006	Receipt Book	14876-14900
2006	Receipt Book	20226-20250
2006	Receipt Book	20201-20225
2005	Receipt Book	18976-19000
2005	Receipt Book	20151-20175
2006-2008	Purchase Order Book	45151-45200
2007-2008	Purchase Order Book	44651-44696
2005-2006	Purchase Order Book	45401-45450
2005-2007	Purchase Order Book	44101-44150
2005-2006	Purchase Order Book	44001-44050
2000-2006	Purchase Order Book	61051-61100
2005-2006	Purchase Order Book	44201-44250

2006	Campground Deposit Book	
2005	A/R Deposit Books	
2006	A/R Deposit Books	
2005	C/R Deposit Books	
2006	April - December Deposit Books	
2006	Proposal for Sarnia Bay Marina	
2004	Audit	
2006	Audit	
2006	General Accounts	
2005	Audit	
2005	General Accounts	
2004	General Accounts	
2004	Bank Statements	
2006	Sarnia Bay Marina Binder	
1992-1993	Comprehensive Audit of the Sault Ste. Marie Region	
10-Dec-93	The Association of Conservation Authorities of Ontario	
1984	Audit of Financial and Management Controls The Niagara Peninsula	
1984	Memos to and from Robert Monk RE: Maple Syrup Staff Time	
1983	Memos Subject: W.Darcy Mckeough Floodway Project 1983 Funding	
1981	Audit Report, Letter, and Acknowledgement Form	
1983	Recommended Grant Adjustments	
1983	McKeough Properties - Summary of Status	
1982	1980s Recommended Grant Adjustments	
1981	1979 Internal Audit Report, Letters, and Acknowledgement Forms	
1981	1979 Recommended Grant Adjustments	
1980	1978 Audit Letters, and Acknowledgement Forms	
1980	1978 Recommended Grant Adjustments	
1979	1977 Audit Report, Letters, and Acknowledgement Forms	
1979	1977 Recommended Grant Adjustments	
1978	Memos on Appointment of Audit Manager for Southern Ontario	
1977	1976 Auditor's Adjustment Report	
1977	1976 Audit Authority Claims for Grants, and Auditor's Adjustment report	
1977	1976 Audit Letters	
1976	1975 Audit Authority Claims for Grants	
1975	1974 Audit of Claims, and Letters	
1975	1975 Audit Memo	
1974	1973 Audit Report, Letters, and Adjustment notices	
1966	Sydenham Valley Ledger Work Sheets	
1968	1969 Budget Estimates	
1968	1967 Audit Report, and Adjustment Notice	
1967	Sydenham Valley Summary of Administration Claims	
1967	1966 Audit Report, Adjustment Notice	
1967	Adjustments to Original Submission of Accounts	
1967	1966 Schedule of Grants Paid	

1966	1965 Schedule of Grants Paid	
1966	Audit Records	
1965	1964 Schedule of Grants Paid	
1963	Adjustments to Original Submission of Accounts	
1963	Sydenham Valley Audit Report	
1962	Sydenham Valley Audit Report	
1996-1997	Bank of Montreal Agreement	
1997	Bank of Montreal Corporate Card Program Agreement	
1998	Banking Proposals	
1984	Ontario Health Insurance Plan	
Feb-84	Application for Payment- No. 12	
1982	Audit Acknowledgement Form	
1982	Audit Report, and Letters	
Feb-97	Eligibility for Provincial Grant Funding, and Business Plan	
Jun-97	Business Plan For Determining Provincial Grant Funding	
1983	Memos about 1981 Audit Report	
1983	Memos Subject : 1980 Audit Adjustments	
1982	1980 Internal Audit Report, Letters, and Acknowledgement Forms	
1990	E.R.C Expenditures to Date	
1990	Forest Replacement Program	
1990	Schedule for Payment of Line of Credit	
1986-1987	Abandoned C.N.R. right-of-way Acquisition Options Memos	
1986-1987	Estimated Total Cost of Abandoned C.N.R Line Acquisition Memos	
1987	Financial Status	
1987	Agreement of Purchase and Sale	
1987	Committee of Adjustment Notice	
1987	Borrowing Resolutions	
1982	Initial Notice or Notice of Change by an Ontario Corporation Form 1	
1996	Completed Application, Resume, and Cover Letters	

SCRCA Joint Health & Safety Committee Meeting Minutes

Wednesday, Dec. 2, 2015, 8:30 am

11.(vi)

Lower Board Room
205 Mill Pond Crest.
Strathroy, ON

Meeting called by:

JHSC Committee

Type of meeting:

Quarterly

Facilitator:

Kevan Baker

Minutes:

Melissa Deisley

Attendees:

Kevan Baker, Steve Clark, Jeff Sharp, Don Skinner, Sarah Hodgkiss, Melissa Deisley (recorder)

Minutes of Agenda Items

1. Motion to approve September 23, 2015 meeting minutes

Motion: that "The Minutes of the September 23, 2015 JHSC 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:

- **review, at full staff meeting, of Vehicle Policy to reflect more specific info. on minor and major defects** (*June 15, 2015 - item 4.5 – Steve C. and Sept. 23, 2015 - item 2.1 – Steve C.*)

Discussion:

- Areas of policy a little vague, wanted to discuss at staff meeting – difference between minor and major defects;

Action Item(s):

- **Steve C** – make sure this is on agenda for next full staff meeting (December 16th)

- **posting of Harassment Policy and Procedures on bulletin boards** (*Sept. 23, 2015 - item 2.1 - Steve*)

Discussion:

- copied and distributed for posting on all Health & Safety bulletin boards

Action Item(s):

- completed

- **updated Accident Packages** (*Sept. 23, 2015 - item 4.5 - Steve*)

Discussion:

- the packages currently contain several documents that are not required by WSIB and could be removed after review by JHSC:

[..\..\Forms\ESRTW\Returned to Work Forms\Return to Work Policy to JHSC for Review 2015.pdf](#)

[..\..\Forms\ESRTW\Returned to Work Forms\RTW - Occupational Demands Analysis to JHSC for Review 2015.doc](#)

[..\..\Forms\ESRTW\Returned to Work Forms\RTW PROGRAM LETTER 12 03 salaried to JHSC for Review 2015.doc](#)

[..\..\Forms\ESRTW\Returned to Work Forms\SCRCA ESRTW1 to JHSC for Review 2015.doc](#)

- packages needs to contain:

[..\..\Forms\ESRTW\Returned to Work Forms\WSIB Form 6 2015.pdf](#)

[..\..\Forms\ESRTW\Returned to Work Forms\WSIB Functional Abilities Form 2015.pdf](#)

[..\..\Forms\ESRTW\Returned to Work Forms\WSIB Treatment Memorandum 2015.pdf](#)

[..\..\Forms\ESRTW\Returned to Work Forms\Incident Injury Report.docx](#)

Action Item(s):

- Eliminate the forms that are not required, but retain those that are required under H&S Act

- **Sarah K and Heather** to coordinate

- **Dam Safety** (September 23, 2015 – item 4.1 Accident Review)

Discussion:

- Updated procedure for handling tie off at Petrolia Dam when changing stop logs, can be applied at Head Street Dam as well;

- Where to tie off when there is no railing?

- Can update our policies and procedures to go over and above Health & Safety Act

Action Item(s):

- **Steve C** – working on writing up procedure and how it relates to Health and Safety Act and St. Clair Policy

- **Review of Health & Safety Training Policies related Incident/Injury Investigation Reports** (Sept. 23, 2015 - item 4.1 - Heather)

Discussion:

- **gloves for waste removal** - see Health & Safety Policy pg.145-148

- **protection from poison ivy** - not mentioned in Health & Safety Policy section A4 – Site Visits – page 108

- **PPE (eye protection) when exposed to chemicals** - see Health & Safety Policy page 166-170

- **gloves and eye protection** - see Health & Safety Policy page 161 & pages 166-170

- **securing loads in fleet vehicles** - see Health & Safety Policy pages 176-178

- **PPE when working in areas where ticks are present** - see Health & Safety Policy page 109

Action Items:

- Review of Risk Assessments by Department (**Supervisors of each dept.**)

- Review of policies and procedures that impact staff specific jobs with their supervisor (**Supervisors of each dept.**)

- **Kevan** to discuss at next Supervisor's Meeting

- **Supervisors** to review assessments and make any necessary revisions/provide comments and report back by March 2016;

Kevan Baker:

- **scheduled time for staff training video on ice monitoring** (June 15, 2015 - item 2.1 – Kevan & Sept. 23, 2015 - item 2.1 - Brian)

Action Item(s):

- video to be shown at the December staff Meeting - **Kevan**

- **new WHMIS training program for all staff** (Sept. 23, 2015 - item 2.1 – Kevan)

Discussion:

- have purchased and received an updated version which complies to current legislation (YOW Canada)

Action Item(s):

- Show again and re-test in Spring (Feb Staff Meeting) - **Kevan**

- **development of gas storage area with venting at McLean** (*June 15, 2015 - item 3.2 & Sept. 23, 2015 - item 2.1 - Kevan*)
Discussion:
 - will discuss with McLean staff when Workplace inspection is completed**Action Item(s):**
 - **Don & Kevan** to organize site inspection
- **Sharepoint Training** – (*Sept. 23, 2015 - item 2.1 – Kevan*)
Discussion:
 - some staff have been trained others will be when they return in March
 - Link has been emailed to all staff including Lands and McKeough**Action Item(s):**
 - **Chris** will be asked to train Staff to use Sharepoint (over the winter) to access forms and documents. Lands staff will be trained when they return in the Spring.
- **development of updated Inspection Form specific to each location** (*Sept. 23, 2015 – item 3.2 – JHSC*)
Discussion:
 - plan is to develop, over the winter, a customized form specific to each of the inspection/work sites so it is ready for March 2016**Action Item(s):**
 - **Kevan** to delegate and prepare over winter
- **purchase of new ladder for WWK** (*Sept. 23, 2015 – item 3.2 – Kevan*)
Discussion:
 - new one purchased and old one disposed**Action Item(s):**
 - complete

Jeff Sharp to report on:

- **discussions at full staff meeting re: wearing proper PPE and workplace injury information from MOL website** – item 5.1 (*2015 JHSC Goals & Objectives – item 5.1 & Sept. 23, 2015 - item 2.1 - Jeff*)
Discussion:
 - Not able to discuss at last full staff meeting**Action Item(s):**
 - **Jeff** to add to agenda for February full staff meeting
- **recording of near misses for the month of October** (*Sept. 23, 2015 - item 4.3 - Jeff*)
Discussion:
 - Jeff wrote down for himself, none received from any other staff**Action Item(s):**
 - **Jeff** to send out one more emails with reminder and form

Don Skinner to report on:

- **Level 2 Certification Training** (*Sept. 23, 2015 - item 2.1 - Don*)
Discussion:
 - Spring 2016**Action Item(s):**
 - **Don** to complete in Spring 2016

3. Area Reports/Workplace Inspections

3.1. LCH, WWK, AWC, McLean – (Kevan & Don)

- Discussion:**
- McLean to still be inspected

Action Item(s):

- **Kevan** – will inspect McLean & Education Center in December, 2015

3.2. General CAs – Strathroy, CW, McKeough (**Jeff**)

Discussion:

- McKeough inspected Nov 26 – addressed some of the hazards (tripping hazards, etc.)
- Strathroy Office inspection Monday, December 7 or Tuesday December 8, 2015

Action Item(s):

- **Jeff/Steve C** to complete office inspection Dec 7/8

3.3. Other Departments (**JHSC**)

Discussion:

- no concerns

4. New Business

4.1. Review of Incident/Injury Investigation Reports since September 23, 2015 meeting (**Kevan**)

Discussion:

- Is the tree beside the parking lot a Hazard? If you back truck to curb, it will hit tree.

Action Item(s):

- **All Staff** to take caution backing up vehicles,
- **All Staff** to use other employees to help spot,
- **Kevan** to review at the next staff meeting (Feb Staff Meeting)
- **Supervisors** to arrange for inspection of parking lots for hazards, develop actions to correct hazards and report back to JHSC by March 2016 meeting

4.2. Level 1 Training for Sarah H.

Action Item(s):

- Sarah to complete in Jan 2016

4.3. 2016 Workplace Inspection Schedule (incorporating supervisors and including a separate inspection for LCH Education Centre)

Action Item(s):

- **Kevan** to complete Education Centre inspection in December
- **Jeff** to prepare schedule for 2016 to be updated, posted, circulated to supervisors

4.4. 2016 JHSC positions

Discussion:

- Sarah H – Worker Rep.
- Jeff – Co-Chair & Workplace Inspector for Strathroy, CW, McKeough
- Kevan – Management Rep. and Chair
- Don S – Worker Rep. and Workplace Inspector for AWC, WWK, LCH, McLean, LCH Ed. Centre

4.5. Establish JHSC Goals and Objectives for 2016

Discussion:

- see item 5 below

4.6. Election of JHSC Co-Chair

Action Item(s):

- completed - Jeff – Co-Chair 2016

4.7 Review/Approve current manner of workplace inspections

Discussion:

- No issues with the way things are currently being conducted

Action:

- No action right now

5. Goals and Objectives in 2016

- 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 September, 2016 for a 3 year term (to replace Jeff Sharp)
- 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 (Hot & Cold Weather Alerts, Vector Borne Diseases etc.)
- 5.10. Establish a new Workplace Inspection Report specific for each location (see also item 2.1 (Kevan))

6. Proposed future 2016 meeting dates:

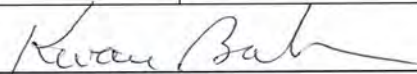
March 11th, June 17th, September 16th, November 28th

7. Adjournment – 10:35am

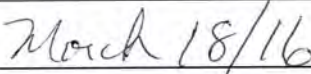
Motion: that "The meeting be adjourned." **Moved/Carried – Steve C**

Misc. Information


Contacts:	Worker Co-chair/Inspector:	Jeff Sharp	jsharp@scrca.on.ca
	Management Co-chair:	Kevan Baker	kbaker@scrca.on.ca
	Worker Reps.:	Sarah Hodgkiss	shodgkiss@scrca.on.ca
		Jeff Sharp	jsharp@scrca.on.ca
		Don Skinner	dskinner@scrca.on.ca
	Committee Secretary:	Heather Long	hlong@scrca.on.ca
Meeting Secretary:	Melissa Deisley	mdeisley@scrca.on.ca	



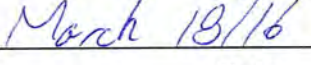
Signature of Co-chair



Date



Signature of Co-chair



Date

Staff Report

12.(i)



To: Board of Directors
Date: March 31, 2016
From: Rick Battson
Subject: SCRCA Members' Tour

Staff is proposing a Conservation Authority Tour on Thursday, June 23, 8:30 – 1:00. The bus will leave and return to the Lorne C. Henderson Conservation Area. We will have lunch followed by the Board meeting. This year, we will be focusing on projects in the southwestern portion of our watershed.

Highlights of Tour

- Lorne C. Henderson Conservation Area
- Conservation Education
- Bowens Creek Habitat Management Area
- St. Clair River Area of Concern
- Cathcart Shoreline Erosion Project
- W. Darcy McKeough Floodway



Staff Report

12.(ii)



To: Board of Directors
Date: April 07, 2016
From: Sharon Nethercott, Melissa Gill
Subject: Conservation Education Progress Report

Winter Programing

Thanks to our many sponsors, free in-school programs were the focus of our winter season. Several primary classes also visited Henderson Conservation Area, experiencing a muddy, but enjoyable and educational winter program! Hand feeding Black-Capped Chickadees continues to be a highlight in our outdoor winter activities!

Program Development & Expansion

Specialist High Skills Major (SHSM)

A partnership was established with the Lambton Kent District School Board to assist with certification programs for the varied SHSM high school students in the board. To date we have been involved in the development of the following programs.

GPS/GIS:

With assistance from the GIS Department, a 2 hour GIS program is being developed to introduce Grade 12 students in April to some of the capabilities of Geographical Information Systems. In addition, the morning session will teach the same students use of GPS units to complete a habitat restoration task. These programs are continuing to make excellent use of our GPS receivers purchased by the Foundation.

Tree Planting: Currently working with our Watershed Services department to develop a certification course pertaining to tree planting. Topics covered will include soil testing, light conditions, proper tree siting and afforestation techniques. The program is scheduled to be piloted April 21st, 2016.

ICE Training

“Innovation, Creativity & Entrepreneurship Training” also known as “ICE”, was offered to Specialty High Skills Major (SHSM) students in a full-day, in-depth introduction to the art of brainstorming. In March we partnered with UTRCA staff to offer this training to a group of Strathroy SHSM students. The students were faced with the following challenge: “How might we help Conservation Authorities share with teens the health benefits of spending time in nature?” The training day ran smoothly and we plan to offer this training again to other Middlesex and Lambton/Kent students.

Special Events:

Maple Syrup Festival: Approximately 700 people were welcomed to the Sugar Bush at A.W. Campbell Conservation Area on March 19th and 20th.

Demolition of the Sugar Shack did not detract from the enthusiasm of visitors who viewed updated historical demonstrations of First Nations and Pioneer methods of collecting sap and turning it into liquid gold. Additional hands-on displays were a big attraction this year. The Alvinston Firefighters prepared pancake and sausage meals for hungry visitors. Event hours were slightly reduced from past years to match the Firefighters hours.



Sydenham River Canoe Race: Mark your calendars for this year's Canoe Race: Sunday April 17, 2016. We look forward to another great turn out for this Conservation Education Fund Raiser. Check our website for more details.

Art Walk: SCRCA Staff will be participating in Art Walk in Sarnia on June 4th and 5th. Manned booths will highlight some of the SCRCA's activities in our watershed.

Fun Fest: SCRCA staff will be participating in Kids Fun Fest 2016 on Saturday June 11th in Sarnia. The booth will highlight camping & Outdoor Education staff will offer a nature based art activity encouraging children to explore water colour paints on natural canvases (leaves, bark & twigs).

Community Partnerships

LWI Young Naturalist Groups: Staff continue to run outdoor meetings for both the Young Naturalist Group (ages 7-11) and the Junior Conservationist Group (ages 12+).

Sarnia Lambton Arbor Week committee: Education staff are helping to coordinate a public tree planting at the Aamjiwnaang First Nation Community Centre. The Committee continues to host an Arbor Week Contest for area students. Each student in 3 winning classrooms will receive a Sugar Maple sapling to plant at home.