

REPORT NO. 361 of the
ENVIRONMENT, TRANSPORTATION & PUBLIC SAFETY
STANDING COMMITTEE
of its meeting held March 23, 2016

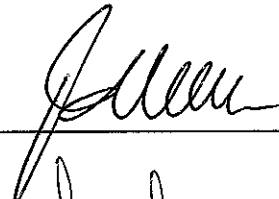
Present: Councillor Chris Holt
Councillor Fred Francis
Councillor Bill Marra (Chair)
Councillor Hilary Payne
Councillor Paul Borrelli

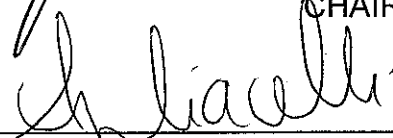
That the following recommendations of the Environment, Transportation and Public Safety Standing Committee **BE APPROVED**:

Moved by Councillor Francis, seconded by Councillor Holt,
That the Minutes of the Windsor Essex County Environment Committee meeting held January 28, 2016 **BE RECEIVED** for information.
Carried.

SCM 29/2016

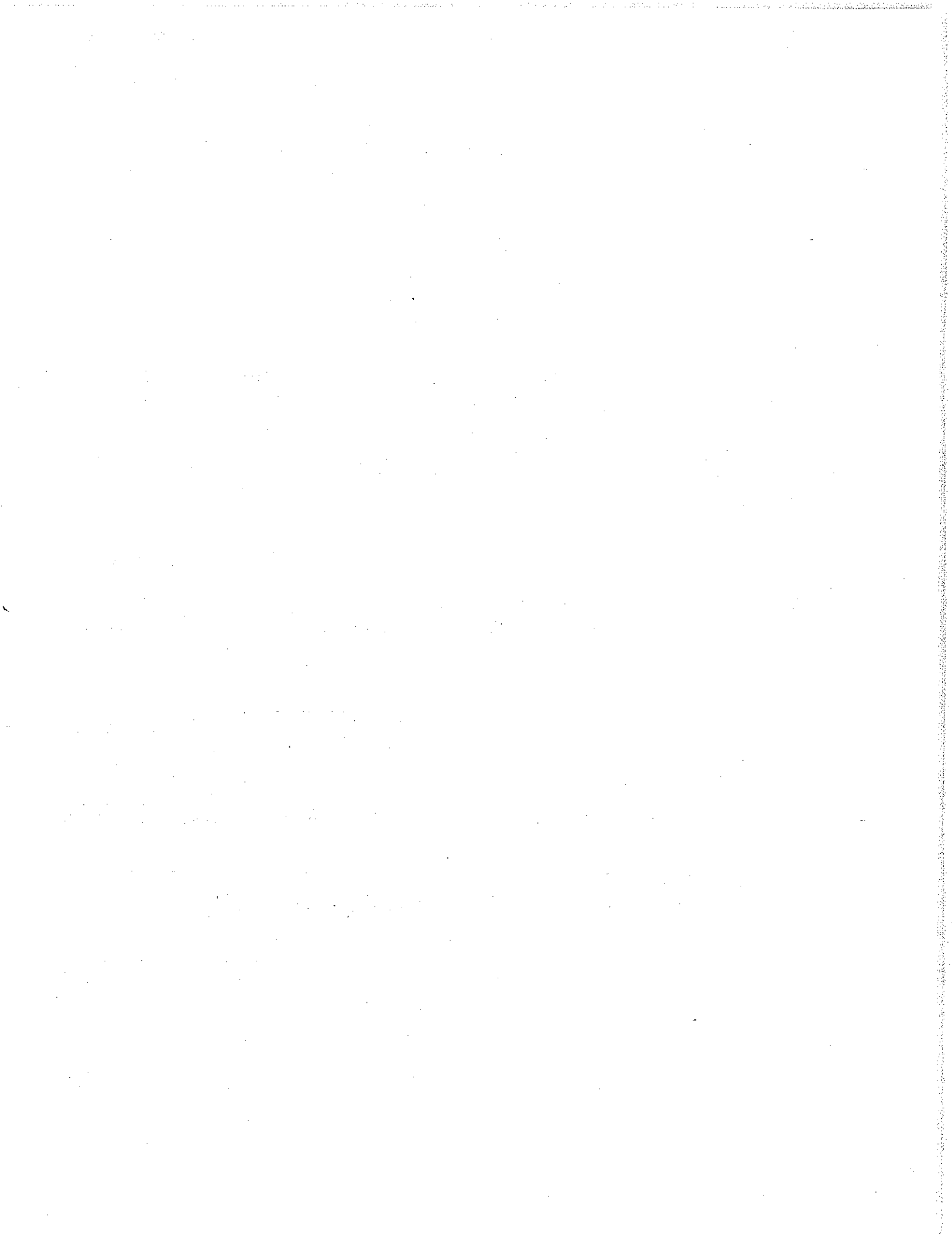
Clerk's Note: The minutes of the Windsor Essex County Environment Committee meeting held January 28, 2016 are **attached** as background information.



CHAIRPERSON


SUPERVISOR OF COUNCIL SERVICES

NOTIFICATION:	
NAME	CONTACT INFORMATION



KK/
Windsor, Ontario January 28, 2016

A meeting of the **Windsor Essex County Environment Committee** is held this day commencing at 5:30 o'clock p.m. at the Ojibway Nature Centre, there being present the following members:

Joe Bachetti, Vice Chair, Deputy Mayor, Town of Tecumseh
Councillor Fred Francis
Derek Coronado
Jesse Gardner Costa
Debby Grant
Mike Nelson
Joe Passa
Dr. Edwin Tam

Absent:

Councillor Bill Marra
Mayor Gary McNamara, Town of Tecumseh
Radwan Tamr

Guests in Attendance:

Tanya Basok
Rick Coronado
David Hanna
Michael Schneider

Also present are the following resource personnel:

James Bryant, Environmental Assessment Coordinator, County of Essex
Dustin Carey, Environment & Sustainability Coordinator (A)
Phil Roberts, Executive Director, Parks
Karen Kadour, Committee Coordinator

1. CALL TO ORDER

The Vice Chair calls the meeting to order at 5:40 o'clock p.m. and the Committee considers the Agenda being Schedule "A" **attached** hereto, matters which are dealt with as follows:

2. ADDITIONS TO THE AGENDA

Moved by Councillor Francis, seconded by Dr. Tam,
That Rule 3.3 (c) of the Procedure By-law, 98-2011 **BE WAIVED** to add the following Agenda items:

- 8.3 ERCA Annual Report
- 8.4 Provincial Environmental Advisory Committees of Ontario (EAC) Symposia
- 8.5 Earth Day
- 8.6 Establishment of an Ad Hoc Committee

Carried.

3. DECLARATIONS OF CONFLICT

None disclosed.

4. MINUTES

Moved by M. Nelson, seconded by J. Gardner Costa,
That the minutes of the meeting of the Windsor Essex County Environment Committee held November 26, 2015 **BE ADOPTED** as presented.
Carried.

5. BUSINESS ITEMS

5.1 Green Speakers Selection for 2016

D. Carey provides an overview of possible speakers for the 2016 Green Speaker Series which includes the following:

- David Noble – Witness to Environmental Leadership, Founder of 2degreesC, Author
- Gianni Kovacevic – Realistic Environmentalist
- Peter Corbyn – Special Advisor for Climate Project Canada, Environmentalist
- Jason Thistlethwaite, Assistant Professor, University of Waterloo, Director, Climate Change Adaptation Project
- Chris Early – Interpretive Biologist & Education Coordinator, University of Guelph
- Rob Shirkey, Executive Director, Our Horizon
- Diane Saxe – Environmental Commissioner of Ontario
- Peter Garforth, - Principal, Garforth International llc
- Sarah Burch, Assistant Professor, University of Waterloo, Senior Fellow, CIGI
- John Howard, Chairman of the Board, Canadian Association for Physicians for the Environment

- Christopher Ragan, Professor of Economics, Chair of Canada's Ecofiscal Commission
- Glen Murray – Ontario Minister of the Environment and Climate Change

Moved by Councillor Francis, seconded by J. Passa,
That Peter Garforth, Principal, Garforth International llc and Jason Thistlethwaite, Associate Professor, University of Waterloo, Director, Climate Change Adaptation Project **BE SELECTED** as speakers for the 2016 Green Speakers Series.

Carried.

5.2 Confirm and Ratify the following motions approved by e-mail polls

Moved by Councillor Francis, seconded by M. Nelson,
That the following motions **BE CONFIRMED AND RATIFIED**:

1. That **APPROVAL BE GIVEN** to an expenditure in the upset amount of \$28.25 payable to eliquidMEDIA for the Domain renewal annual fee.
2. That **APPROVAL BE GIVEN** to utilize \$1,250 received from sponsors (Windsor Essex County Health Unit - \$500, United Way - \$500 and Pathway to Potential - \$250) for costs associated with travel and accommodations for Sarah Elton, Green Speaker, and for the lease of the Capitol Theatre for the event to be held on October 20, 2015.

Carried.

6. COORDINATOR'S REPORT

6.1 WECEC Coordinator Monthly Report

D. Carey indicates there are two outstanding biographies to be submitted by D. Coronado and D. Grant for the WECEC website.

D. Carey states the Overload informational commercial (to raise awareness of blooms of toxic blue-green algae in Lake Erie) is currently being aired at Leamington's Southpoint Cinemas.

D. Carey provides an overview of WECEC's 2016 operating budget and notes there is \$2,030 of uncommitted funds.

Moved by Councillor Francis, seconded by J. Gardner-Costa
That the WECEC Coordinator Monthly Report – January 2016 **BE RECEIVED** for information.

Carried.

7. SUBCOMMITTEE REPORTS

7.1 Air Subcommittee

D. Coronado reports the public comment period regarding the Marathon Oil Refinery expansion has been extended to January 29, 2016. He notes the proposed upgrades will cause an increase in air pollution and adds this facility has been cited as a significant transboundary source of air pollution under Article V of the Canada-U.S. Air Quality Agreement. He recommends the City/County Councils contact Catherine McKenna, Minister of Environment and Climate Change regarding the proposed upgrades to the Marathon Petroleum facility.

Moved by D. Grant, seconded by J. Passa,

WHEREAS, the letter from Andrew J. Drury, Senior Environmental Engineer, Air Quality Division, Department of Environmental Quality, Lansing, Michigan dated November 28, 2015 **BE RECEIVED**; and

WHEREAS, Marathon Petroleum Company LP has applied for Permits to Install (PTI) applications respectively, Application No. 118-15 for the proposed Tier 3 Fuels Project and Application No. 122-15 for the proposed LPG Storage and Transfer Project at 1300 South Fort Street, Detroit, Michigan; and

WHEREAS, this facility is identified as a major source of air pollution and due to the proximity to the Canadian border is a source of transboundary air pollution; and

WHEREAS, the upgrades to this facility may result in a further increase in air emissions

THEREFORE BE IT RESOLVED, that City/County Councils **BE REQUESTED** to send a letter to Catherine McKenna, Minister of Environment and Climate Change regarding the proposed upgrades to the Marathon Petroleum facility.

Carried.

8. NEW BUSINESS

8.1 Update on City of Windsor Environmental Initiatives

D. Carey provides the following City of Windsor environmental initiatives:

- The City of Windsor is proceeding with its Community Energy Plan, and is partnering with Enwin for community engagement programs
- Tourism Windsor Essex Pelee Island is launching a "bicycle passport program" at this year's Earth Day festivities
- The Anti-Idling By-law is currently under revision and will be reviewed by the Environment Transportation & Public Safety Standing Committee in March 2016.
- The City of Windsor will be submitting an application to the Ontario Ministry of Transportation for an Electric Vehicles Chargers Grant (EVCO) for EV charging stations. EV Charging stations are currently located in Lot 10, Pelissier & Goyeau Street garages and throughout the Business Improvement Areas.

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8.2 Update on Essex County Environmental Initiatives

The Vice Chair states there are 3-4 municipalities providing EV charging stations. He notes two municipalities have applied for the Electric Vehicles Chargers Grant.

8.3 ERCA 2015 ANNUAL REPORT

M. Nelson distributes the Essex Region Conservation Authority Annual Report 2015, attached as Appendix "A". He provides an overview of the 2015 Annual Report as follows:

- ERCA is currently working on storm water management guidelines which will be completed by the year's end.
- A 10 year strategic plan is being developed which will reviewed by the ERCA Board in February 2016.
- A tree planting working shop will be held on February 25, 2016 at the Civic Centre in Essex.
- Working with the Field Naturalists Club regarding Ojibway Shores
- The Holiday Beach Master Plan is currently being circulated for public comment

The Vice Chair requests ERCA provide passes for WECEC members to visit County parks.

8.4 Environmental Advisory Committees (EAC) of Ontario Provincial EAC Symposia

D. Carey distributes background information relating to the Provincial EAC Symposia, attached as Appendix "B". The Symposia will be held on May 14, 2016 in Ajax, Ontario.

Moved by Dr. Tam, seconded by M. Nelson,

That **APPROVAL BE GIVEN** to an expenditure in the upset amount of \$1,000 for D. Grant and D. Carey to attend the Ontario Provincial Environmental Advisory Committees Symposia to be held on May 14, 2016 at the Greenwood Discovery Pavilion, Ajax, Ontario.

Carried.

8.5 Earth Day

It is generally agreed WECEC will participate in the Earth Day event to be held on April 24, 2016 at Malden Park.

Moved by Councillor Francis, seconded by J. Gardner Costa,
That **APPROVAL BE GIVEN** to an expenditure in the amount of \$35 for procurement of a booth at the Earth Day event to be held on April 24, 2016 at Malden Park.

Carried.

8.6 Establishment of an Ad Hoc Subcommittee

J. Gardner Costa requests the establishment of an "Environmental Sensitive Lands and Issues Ad Hoc Subcommittee" pertaining to issues such as the Ojibway Shores. He indicates he will Chair the subcommittee and requests members contact him if there is interest in sitting on the subcommittee.

Moved by J. Gardner Costa, seconded by D. Coronado,
That an Environmental Sensitive Lands and Issues Ad Hoc Subcommittee **BE ESTABLISHED** with J. Gardner Costa presiding as Chair.

Carried.

9. COMMUNICATIONS

The document entitled "News Release Ontario Releases New Climate Change Strategy – Province Charts Course to a Prosperous, Low-Carbon Future" is distributed and **attached** as Appendix "C". This document will replace Item 9.3.

Moved by Councillor F. Francis, seconded by M. Nelson,
That the following Communications 9.1 to 9.7 **BE APPROVED**:

- 9.1 Bill 66: Proposed Great Lakes Protection Act
- 9.2 Notice of Proposed Change – Belle River Wind Project
- 9.3 Ontario Climate Change Strategy
- 9.4 Cap and Trade Program Design Options
- 9.6 US Steel Corp. Consent Order No. 33-2015
- 9.7 Marathon Oil Refinery expansion

Carried.

10. DATE OF NEXT MEETING

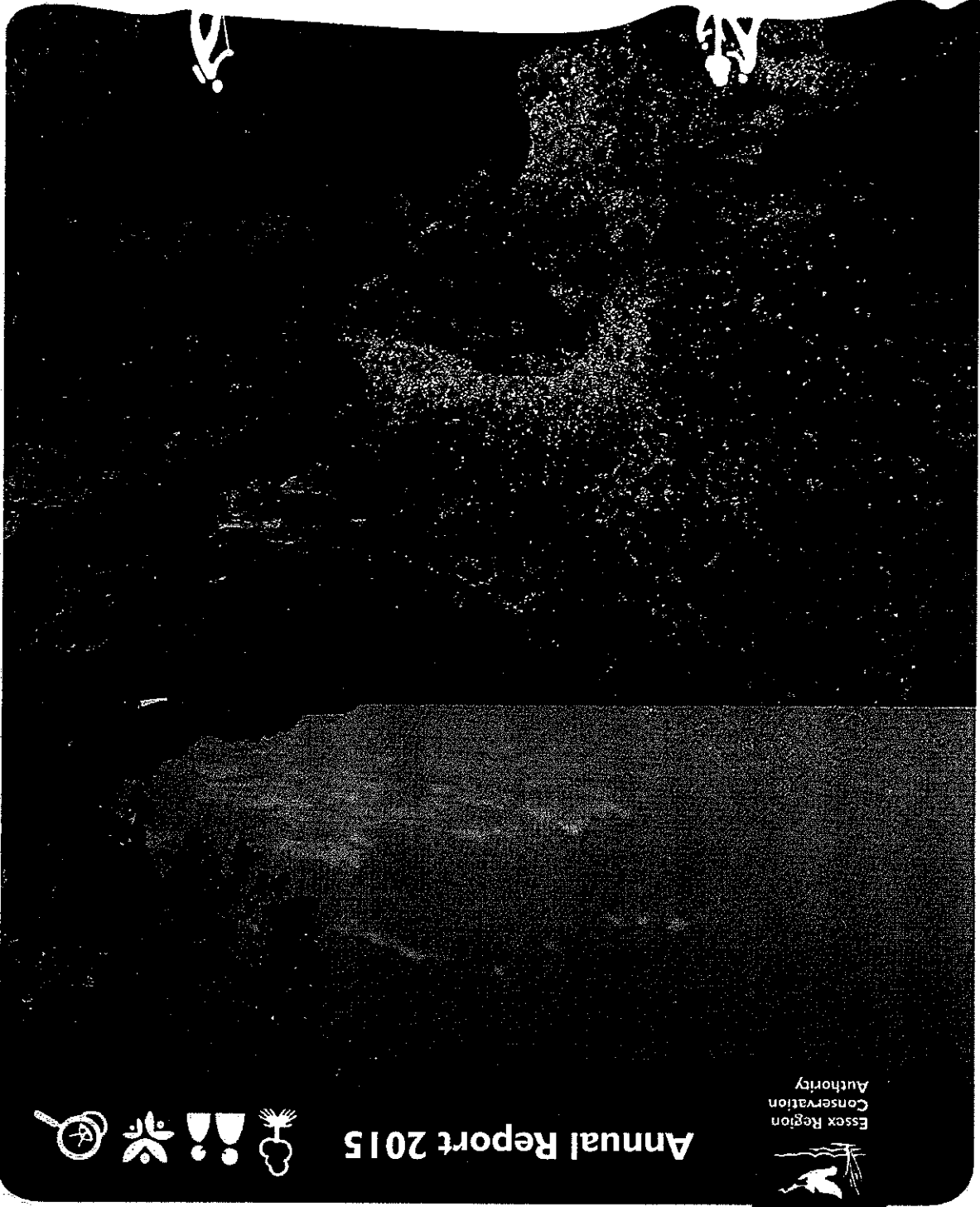
The next meeting will be held on March 31, 2016 at 5:30 o'clock p.m. at the Ojibway Nature Centre.

11. ADJOURNMENT

There being no further business, the meeting is adjourned at 6:40 o'clock p.m.

DEPUTY MAYOR JOE BACHETTI, VICE CHAIR

COMMITTEE COORDINATOR



Essex Region
Conservation
Authority

Annual Report 2015



Striving for Sustainability | Snapshot 2015

Connecting with Nature

1,669.6HA
Total Land
Holdings

125,450
Trees
Planted

79.6KM
Trails
owned & managed



142.5Acres
Habitat Restored



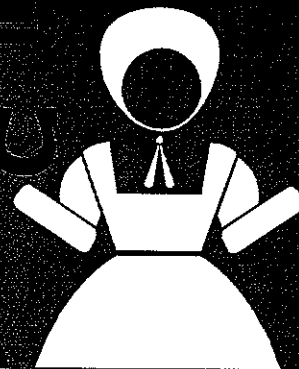
Engaging Our Community

0082

Events
hosted

2,580
Awesome
Volunteers
THANK YOU!

9,538
Students
educated



about conservation of human and natural heritage

Collaborating to Protect Homes and People

\$401,500

Water and Erosion Control
Infrastructure Projects



753
Permits

requested and
reviewed to ensure
landowner protection

Average permit
response times for
minor development

Discovering through Research and Science

94 Water quality
monitoring stations
(surface, ground,
benthos)

8 Research projects
with ERCA
involvement



Water quality
improvement
projects



Message from the Chair

It was an honour to be elected as Chair of the Essex Region Conservation Authority in 2015, which continued to be a year of successes for our organization. We worked collaboratively with our member municipalities to plant more trees, improve our watersheds and create more trails that will eventually connect every corner of our region. We moved forward in implementing the third year of our 5 Year Sustainability Plan – The Way Forward. Continued capital improvements were made to our Conservation Areas infrastructure, and innovative partnerships were created, strengthened and renewed in the areas of science and research.

ERCA also carefully monitored water levels as they reached the highs experienced in 1998. Significant coastal flooding was experienced at that time, particularly in the eastern areas of the City of Windsor and Southeast Leamington. In addition to monitoring this area closely, ERCA took extra efforts to ensure emergency preparedness with all our municipal partners.

As a father and grandfather, it gives me great pride to serve the Windsor/Essex/Pelee Island community through the incredible work undertaken by this Authority. Together as a region, we are making decisions and implementing programs that will help to create a future of sustainability for our community. The work that we do every day helps to create a place we can be proud to call home – one where the water will be fishable, swimmable and drinkable; where our important natural spaces will be connected through good planning and stewardship; and where our residents are connected through and with nature.

Sincerely,

Ed Sleiman
Chair

Message from the General Manager



Resilience is the ability to adapt to arising challenges, maintain stamina and strength in the face of demands, and recover efficiently and effectively when damaged. Given our daily reliance on our natural resources, it is critical we build resilient local watersheds in order to ensure healthy people and a reliable and sustainable economy.

Our Great Lakes, and in particular, Lake Erie, have demonstrated their resilience through the centuries. In the 70s, Lake Erie was notoriously declared 'dead'. But, thanks to the work of many, the lake was substantially rehabilitated as billions of dollars were spent on clean-up. New sewage treatment facilities, a phase-out of combined sewer overflows, and regulations on detergents reduced phosphorous loading by at least 60 percent. However, with the impacts of a changing climate, today, our Great Lakes are facing greater challenges than ever before, and the blue-green algal bloom of 2015 was recorded as the worst on record. On the positive side, Ontario passed the *Great Lakes Protection Act* in 2015, allowing the Ministry of the Environment and Climate Change to set environmental targets and enabling communities to address local problems. Bi-national commitments have been made at all levels to meet phosphorus reduction targets and work collectively towards again rehabilitating the most vulnerable of our Great Lakes, including in our own watersheds.

Our community has also demonstrated its resilience. More than most, our region has been affected by changes in manufacturing, tourism, and fluctuating dollars; but, rather than throwing up our arms in defeat, we roll up our sleeves and get to work. Exploring and diversifying our economies and technologies while innovating new ideas, our community has proved its resilience time and again.

The work that we undertake through ERCA not only contributes to environmental sustainability, but community resilience. A healthy and sustainable environment is central to ensuring that our population is healthy, that our economy is robust, and that we live in a place that we are proud to call home. Over the past year, we have consulted broadly to gather information in our 10 Year Strategic Plan, which will be released early in 2016. Resilience – of our organization, community, watersheds and Great Lakes – was a recurring theme of this consultation and gives us confidence knowing that we can address the next generation of conservation challenges.

Sincerely,

Richard J.H. Wyma CSLA
General Manager/Secretary-Treasurer

Connect

ERCA strives to connect people to our landscape, waterfronts and our Great Lakes and rivers with attractive natural areas, trails and Conservation Areas as part of a vibrant and sustainable community.

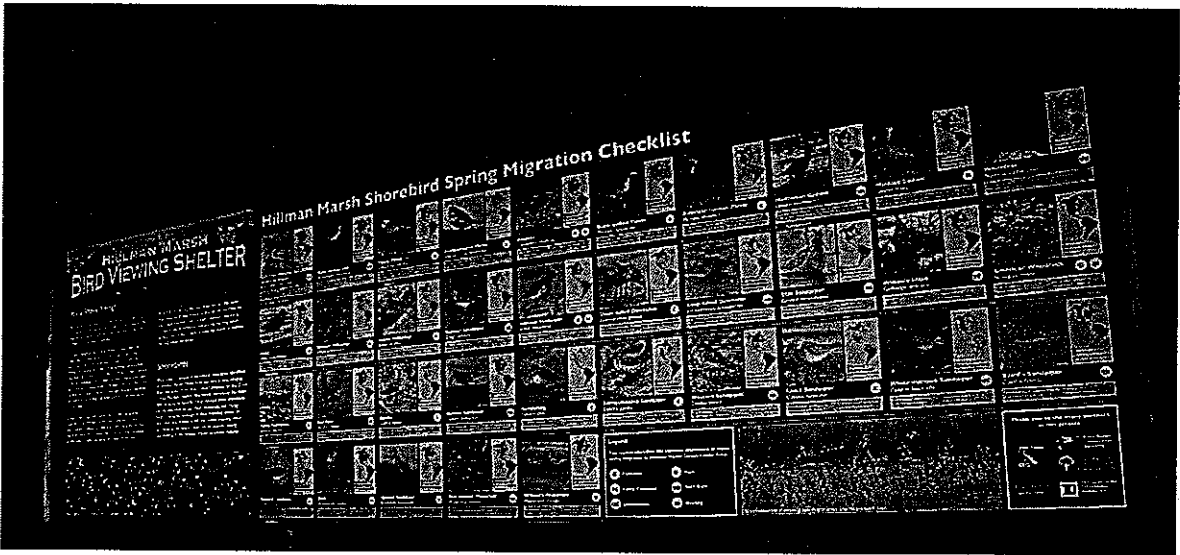
- Built an additional kilometre of **Greenway** in partnership with the County of Essex and the TransCanada Trail Foundation to bring us closer to connecting the Essex Region Greenway and the Leamington Greenway. Once completed, these combined trails will create over 70 kms of multi-use recreational trail for our region.
- Replaced approximately 200 feet of the boardwalk at **Kopegaron Woods Conservation Area** to ensure it is safe and accessible for our visitors.
- Refreshed the **classroom** at the Holiday Beach Conservation Area with help from Union Gas Ltd.
- Created **interpretive signage** in partnership with the Ontario Field Ornithologists, the Essex Region Conservation Foundation and Pelee Wings Nature Store to highlight the 37 species of shorebirds that have been identified in the Hillman Marsh Shorebird Habitat, which is unique in North America. With beautiful colour photographs, the interpretive sign also offers unique details to help birders distinguish these birds from one another. More than 40,000 visitors travel from around the world to the Pelee-Hillman area each spring, generating more than \$14 million in seasonal revenues.
- Planted over 125,450 trees and restored 12.5 acres of habitat across the region.
- Created four **wetland projects** which totaled 5 acres, including Oxley Swamp, in partnership with Nature Conservancy of Canada, and Ducks Unlimited. Re-creating these important wetland habitats helps to increase biodiversity and provides habitat for a variety of wildlife, including species at risk such as Blanding's Turtle, Snapping Turtle and American Bullfrog.
- Celebrated the grand opening of the **Holiday Beach eco-washroom** in partnership with the Holiday Beach Migration Observatory and with funding support from the Ontario Trillium Foundation. It features solar panels for power, low flow toilets, waterless urinals and a green roof. In rebuilding this washroom, most of the existing structural materials were reused. A spacious, separate, accessible family washroom has been created, and there are new change rooms and exterior showers which are heated by solar power.
- Partnered with Windsor's Gateway Heirloom Chapter of Questers to **re-appoint the master bedchamber** at the John R. Park Homestead. Last decorated in 1977, the project included two years of research and fund raising. Innovative technology was used to create wallpaper with a design similar to the antique paper fragments that were found inside a Homestead cupboard. Like the original, the new wallpaper features a

In 2015, the Essex Region Conservation Foundation was successful in reaching its Fall 2015 fundraising goal of \$1 million, which will allow construction of the Cyber Systems Group Greenway (previously known as the Essex Amherstburg Greenway) to begin. This goal was achieved with the support of many individual and corporate partners.

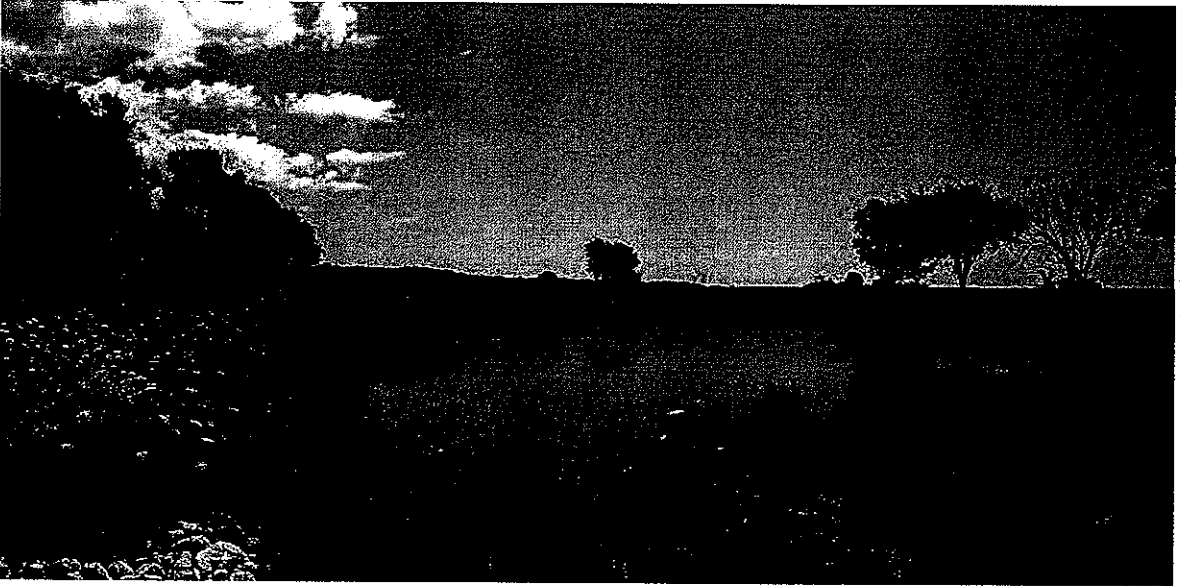


floral medallion, an ox-blood backing pattern on a cream background, and a lemon and citrine

colour-way. The Friends of the Homestead raised an additional \$1,000 for painting the room.



Interpretive signage at the Hillman Marsh Shorebird Habitat



Wetlands provide habitat and improve water quality

Engage



More than 9500 students participated in environmental education



Thousands of volunteers helped restore habitat