

REPORT NO. 71 of the
ENVIRONMENT & TRANSPORTATION STANDING COMMITTEE
of its meeting held June 27, 2012

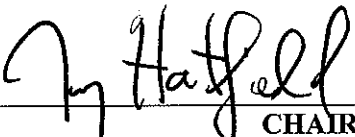
Present: **Councillor Hatfield, Chair**
 Councillor Halberstadt
 Councillor Payne
 Councillor Sleiman

Regrets: **Councillor Valentinis**

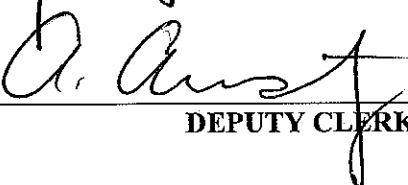
That the following recommendations of the Environment and Transportation Standing Committee **BE APPROVED:**

Moved by Councillor Halberstadt, seconded by Councillor Payne,
THAT the minutes of the Windsor-Essex County Environment Committee meeting held March 29, 2012 **BE RECEIVED** for information.
Carried.

Clerk's Note: The minutes of the Windsor-Essex County Environment Committee meeting held March 29, 2012 are attached as background information.



CHAIRPERSON



DEPUTY CLERK

| NOTIFICATION: | | | | |
|---------------|---------|---------------|-----------|-----|
| Name | Address | Email Address | Telephone | FAX |
| WECEC | | on file | | |

KK/

Windsor, Ontario March 29, 2012

A meeting of the **Windsor-Essex County Environment Committee** is held this day commencing at 5:30 o'clock p.m. in the Board Room, Lou Romano Water Reclamation Plant, 4155 Ojibway Parkway, there being present the following members:

Councillor Alan Halberstadt, Co-Chair
Charlie Wright, Co-Chair (arrives at 5:58 p.m.)
Councillor Hilary Payne
Shahbaz Ahmed
Matthew Child
Derek Coronado
Rick Coronado
Roger Dzugan (alternate for Mark Bartlett)
Karen Fallon
Paul Henshaw
Phil Roberts
Tamara Stomp (arrives at 5:45 p.m.)

Regrets received from:

Juliet Mohammed
Radwan Tamr

Also present are the following resource personnel:

James Bryant, County Engineering Department
Averil Parent, Environment & Sustainability Coordinator
Beau Wansbrough, Planner II
Karen Kadour, (A) Committee Coordinator

1. CALL TO ORDER

Councillor Halberstadt, Co-Chair calls the meeting to order at 5:34 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

None.

3. DECLARATIONS OF CONFLICT

None declared.

4. **ADOPTION OF THE MINUTES**

Moved by M. Child, seconded by K. Fallon.

That the minutes of the meeting of the Windsor-Essex County Environment Committee held March 1, 2012 **BE ADOPTED** as presented.

Carried.

5. **BUSINESS ARISING FROM THE MINUTES**

5.1 **Renewable Energy Media Campaign**

A. Parent advises she met with several solar energy companies as well as the Windsor Essex Economic Development Corporation and is pleased to report that significant campaign support has been received. She indicates the objectives of the Public Education Campaign Goal are as follows:

- Increase understanding of the innumerable benefits of solar energy and technologies
- Encourage access to solar energy technologies
- Demonstrate the value of solar energy and technologies and applications within our region
- Create a series of factoids to reduce the complexity of explanations, and dispel the myths surrounding solar concepts and technologies
- Raise awareness of solar energy technologies as a science, technology and engineering discipline

5.2 **New WECEC Appointments**

The application/resume from Keri Bagley, St. Clair College is distributed and **attached** as Appendix "A".

Moved by Councillor Payne, seconded by P. Henshaw,

That the applications from student representatives Evan Freeman-Gibb (University of Windsor) and Keri Bagley (St. Clair College) to sit on the Windsor-Essex County Environment Committee **BE FORWARDED** to the Striking Committee of Council for approval.

Carried.

5.3 **Updated WECEC Strategic Plan**

Discussion ensues relating to the elimination of Strategic Action Plan 2012 Direction #2 which states:

"Goal: *Develop policy statements that reflect current state of environmental issues."*

The salient points of discussion relating to the development of policy statements are as follows:

- Determine if there is an area of policy for the municipality to pursue. Contact the sponsoring municipalities for their input.
- Suggestion to develop a one page succinct policy.
- WECEC has approved a number of motions that are essentially policies, i.e. clean water, increasing wetlands, Solid Waste Master plan. If the development of policies is removed from the Strategic Action Plan, WECEC is denuded.
- Recommendation that the Environment and Sustainability Coordinator attend a policy writing course.

It is generally agreed that the Strategic Action Plan 2012 Direction #2 relating to the development of policy statements remain in the Strategic Action Plan.

5.4 Green Speaker Series

A. Parent states that Gord Miller, Environmental Commissioner of Ontario has agreed to speak in Windsor on May 12, 2012 as part of the "Green Speaker Series". She advises Mr. Miller is not requesting travel expenses or hotel costs. It is suggested the event be held at the Dr. David Suzuki Public School.

Moved by M. Child, seconded by C. Wright,

That **APPROVAL BE GIVEN** to an expenditure in the upset amount of \$1,000 for costs associated with the Green Speaker Series, Gord Miller, Environmental Commissioner of Ontario, guest speaker to be held on May 12, 2012 at 10:00 o'clock a.m. at the Dr. David Suzuki Public School, 6320 Raymond, Windsor, Ontario.

Carried.

A. Parent will contact the office of Gord Miller to inquire as to the subject matter of his speech.

6. COORDINATOR'S REPORT

A. Parent states she attended a local food forum entitled "Growing Food Partnerships" on March 3, 2012. She notes that presentations were provided by "Go for Health Windsor Essex", the Ontario Student Nutrition Program, and the Waterloo Region Food System Roundtable. It is suggested the former Local Food Subcommittee be revived in order to bring issues forward to City and County Councils.

A. Parent reports Earth Day 2012 will be held on April 22, 2012 at Malden Park with displays and the planting of a native plant garden. The theme this year is local food - "I like my food naked, near and natural". She requests volunteers to man the booth

from 10:00 a.m. to 3:00 p.m. The following volunteer to assist on Earth Day – C. Wright, Councillor Halberstadt and P. Henshaw.

A. Parent distributes an invoice from eliquidMEDIA International Inc. in the amount of \$734.50 for WECEC's website maintenance and expansion, attached as Appendix "B".

Moved by T. Stomp, seconded by P. Roberts,

That **APPROVAL BE GIVEN** to an expenditure in the upset amount of \$734.50 (including HST) payable to eliquidMEDIA International Inc. for the WECEC Website Maintenance and Expansion.

Carried.

7. SUBCOMMITTEE REPORTS

7.1 Air

As it relates to the Ontario Feed-In Tariff Review (FIT), D. Coronado provides the following updates:

- No inclusion of Waste-to-Energy technology
- Wind and solar tariffs reduced
- New emphasis of community power – points system and 10% of capacity set aside
- Additional community consultation to be developed with the Association of Municipalities of Ontario
- FIT price review moves to annual review
- Possible new renewable targets
- Connection barriers remain and no inclusion of new renewable technologies

The report of the Air Subcommittee is attached as Appendix "C".

7.2 Transportation

No report.

7.3 Provincially Significant Wetlands

P. Roberts advises that the Subcommittee will attend the Environment and Transportation Standing Committee meeting on April 25, 2012 when the response to the report regarding the Ojibway Shores will be addressed.

P. Roberts states the Subcommittee will review the publicly owned Natural Heritage candidate sites (on certain criteria yet to be determined) and will develop a list of prioritized lands to be evaluated by the Ministry of Natural Resources.

Moved by P. Roberts, seconded by T. Stomp,

That the City of Windsor and the County of Essex **BE REQUESTED** to send a letter of support for the continuation of project funding for the Lake Erie Coastal Trail being developed by the Carolinian Canada Coalition.

Carried.

Moved by K. Fallon, seconded by R. Dzugan,

WHEREAS the Lake Erie Coastal Trail will help to bring residents, tourists, government, industry, nature and culture together to enable a naturally, culturally and economically sustainable coastline; and

WHEREAS the Trail will contribute to commitments made in the City of Windsor Environmental Master Plan as well as the County Wide Active Transportation Study;

THEREFORE BE IT RESOLVED that the City of Windsor and the County of Essex show support for the Lake Erie Coastal Trail being developed by the Carolinian Canada Coalition by sending a letter of support for the continuation of project funding.

Carried.

7.4 Water Quality

M. Child indicates that a Subcommittee meeting was recently held to discuss the Nutrient Management Act. A representative from OMAFRA was present to provide information relating to the large role soil erosion is playing in the increase of nutrients to the Great Lakes.

Moved by M. Child, seconded by P. Henshaw,

WHEREAS the Great Lakes are the world's largest surface freshwater resource, support one of the world's largest economies and are a fundamental part of the cultural and social fabric of millions of Canadians and Americans; and

WHEREAS the lower Great Lakes, and Lake Erie in particular, have experienced worsening water quality in recent years, especially harmful algal blooms which impair water quality, fish and wildlife populations and aesthetic values; and,

WHEREAS a key driver of these impairments is nutrient loadings from non-point sources throughout the watersheds draining to the lower Great Lakes, and nutrient cycling within the lakes which is influenced by a variety of factors including aquatic invasive species and climate variability; and,

WHEREAS improving water quality in the lower Great Lakes will require extensive and coordinated action of governments, commerce, communities and residents; and,

WHEREAS the binational *Great Lakes Water Quality Agreement* renegotiation is currently nearing completion, and the renewed Agreement is expected to compel the governments of Canada and the United States to effectively address non-point sources of nutrients to the lower Great Lakes; and,

WHEREAS the *Canada-Ontario Agreement Respecting the Great Lakes Basin Ecosystem* is a principal mechanism for cooperative environmental progress on the Great Lakes in Canada, and the current Agreement will expire in June, 2012;

THEREFORE BE IT RESOLVED THAT the Windsor Essex County Environment Committee urges the governments of Canada and Ontario to renew and increase their investment in the *Canada-Ontario Agreement Respecting the Great Lakes Basin Ecosystem* prior to June, 2012 and ensure the Agreement has an effective and substantial emphasis on mitigation of nutrient loadings to Lake Erie and factors influencing nutrient cycling within the Lake.

AND FURTHER THAT this resolution be forwarded to the Councils of the City of Windsor and the County of Essex for their endorsement.

Carried.

P. Roberts requests that the Subcommittee provide a motion for the May 3, 2012 WECEC meeting regarding the "E-09 Buffer Strips Policy Amendment, Municipality of Leamington" which would be forwarded to City and County Councils.

P. Roberts congratulates ERCA on the increase of Naturalized Tree Cover from 7.5% to 8.5% of the region, for a gain of approximately 4,100 acres and requested that ERCA provide WECEC with their method of measurement for this parameter. The Essex Region Conservation Authority Board of Directors Report dated March 27, 2012 entitled "Recalculation of Natural Areas Cover" is attached as Appendix "D".

8. NEW BUSINESS

8.1 Waste to Energy FIT Program

Discussed in Item 7.1.

9. COMMUNICATIONS

None.

10. DATE OF NEXT MEETING

The next meeting will be held on Thursday, May 3, 2012 at the Lou Romano Water Reclamation Plant at 5:30 o'clock p.m.

11. ADJOURNMENT

There being no further business, the meeting is adjourned at 7:20 o'clock p.m.

CO-CHAIR

(A) COMMITTEE COORDINATOR



Application for Appointment to City of Windsor Agencies, Boards, Commissions and Committees

| | |
|---|---|
| Please complete ALL Fields in This Application | |
| Application for Appointment to: The Windsor Essex County Environment Committee | |
| Name: | Keri Bagley |
| Address: | 2909 Manchester Rd. Windsor, Ontario, N9C 1X5 |
| Telephone number: (day) | 519-903-3613 |
| Telephone number: (residence) | 519-256-3613 |
| E-mail: | srcpresident@stclaircollege.ca |
| Occupation: | President of SRC |
| Work Experience: (attach resume) | Resume is attached. |
| Education Background: (if applicable professional credentials) Law & Security Diploma - St. Clair College Police Foundations Diploma - St. Clair College. | |
| skills, abilities, specialized knowledge do you have to assist this body? Communication, Advocacy, Organizational, Teamwork and Planning skills. | |
| Why are you interested in serving the City of Windsor on this body? Because I want to help the community and I want to help the students and youth have their voices heard. | |
| What contribution do you believe you can make to this body? I believe that I am punctual, committed, outgoing, honest, reliable and a team player which will prove to be beneficial for this body. | |
| What past contributions have you made on a similar body or organization? I have been a director on the Student Representative Council and acted as the official voice for the students. I advocated, planned and represented students. | |
| What experience do you have in exchanging your views with others and in appreciating and respecting the skills, abilities and knowledge of others? Student Representative Council St. Clair College Volunteer Experiences | |
| Have you read the Mandate/Terms of Reference for this body and understand them? No | |

Continued on page 2



www.citywindsor.ca

Application for Appointment to City of Windsor Agencies, Boards, Commissions and Committees

NOTE: If the number of applicants is greater than the number of positions available, Council may direct the Clerk's Department to arrange for confidential interviews with applicants. Interviews will be conducted by a Selection Committee of not less than 3 members of Council. Final approval of all appointments will be made by Council.

I understand that this personal information is being collected to facilitate appointments to Agencies, Boards, Commissions and Advisory Committees pursuant to part II *Municipal Freedom of Information and Protection of Privacy Act* and Section 239 of the *Municipal Act, 2001*.

Ken Bagley
Signature of Applicant

Date: 03/27/12

COMPLETED FORMS CAN BE RETURNED AS FOLLOWS:

- (by regular mail) Council Services Office, Room 203, City Hall, Windsor, Ontario, N9A 6S1
- (in person) at your local Customer Care Centre (Call 311 for locations)
- (e-mail) clerks@city.windsor.on.ca
- (fax) 519-255-6868

eliquidMEDIA

www.eliquid.com

eliquidMEDIA International Inc.
939 Goyeau St.
Windsor, Ontario
N9A1H7, Canada
Phone: 519-973-1930
Fax: 519-253-0337

INVOICE

12076
GST #: 896239019

Issued: 2012-03-20

Windsor Essex County Environment Committee
350 City Hall Square
Council Services, Room 203
Windsor, Ontario
N7M 6S1, Canada
Phone: 519-523-7111
Fax: 519-253-0464

| Item | Quantity | Unit Price | Item Total |
|--|----------|------------------------------|------------------|
| <i>Website Maintenance & Expansion:</i> 10 hour block maintenance plan (Hours roll over within 365 days of purchase) Extend front/backend of site, adding two new sections as well as updating some existing copy within blocked timeframe. As per signed authorization dated March 15/2012. | 1 | \$ 650.00 | \$ 650.00 |
| | | Subtotal: | \$ 650.00 |
| | | HST13: | \$ 84.50 |
| | | INVOICE TOTAL: | \$ 734.50 |
| | | Payments and/or Adjustments: | \$ 0.00 |
| | | BALANCE DUE: | \$ 734.50 |

After 30 days from the invoice issued date, eliquidMEDIA will apply 2% interest compounded monthly until full balance of past due invoices has been paid.



WECEC Air Quality Subcommittee- March 29, 2012

Ontario Feed-In-Tariff Review (FIT):

Highlights: No inclusion of Waste-to-Energy technology; wind and solar tariffs reduced; new emphasis of community power – points system and 10% of capacity set aside; additional community consultation to be developed with Association of Municipalities of Ontario; FIT price review moves to annual review; possible new renewable targets; connection barriers remain and no inclusion of new renewable technologies.

The government has formally accepted the report, available at <http://www.energy.gov.on.ca/docs/en/FIT-Review-Report.pdf>

- Ontario's FIT remains the most comprehensive in North America, i.e. covering the most renewable sources of electricity generation.
- Solar pv tariffs cut between 10-30% depending upon the system.
- Wind tariffs cut nearly 15%
- Program price review moves to one-year cycle. New prices to be implemented in January.
- Solar ground mounts no longer allowed in or bordering residential areas, protection for prime agricultural lands to be strengthened, and community consultation within the Renewable Energy Approvals process to be revised in consultation with AMO.
- System for prioritizing connections for community, aboriginal and public institutions, including set aside 10% grid connection capacity for community and aboriginal projects with a minimum of 50% equity ownership.
- New project ranking system introduced, rather than first-come-first-served. A points system or grading system in which community-owned and aboriginal-owned projects receive the highest number of points, followed by public institutions such as schools.
- Provincial renewable target remains weak relative to other jurisdictions. Long term energy plan calls for 10,700MW of renewables by 2018 or approximately 13% consumption in the province. Concerns that province will quickly reach the target, FIT review recommends moving the target up to 2015, and review the target in 2013 to determine whether it should be raised.
- Biggest obstacle to completing renewable projects not addressed. Hydro One limits only 7% of any distribution transformer use for renewable energy of any type.
- FIT review did not expand the program to include new renewable technologies, such as solar-domestic-hot-water, ground-source heat pumps, storage technologies or small wind turbines.



BOARD OF DIRECTORS - REPORT

BD 15/12

FROM: Matthew Child, MCIP, Director of Watershed Restoration
Tom Dufour, Geomatics Technician
Dan Lebedyk, Conservation Biologist
Richard Wyma, CSLA, General Manager

SUBJECT: Recalculation of Natural Areas Cover

DATE: March 27, 2012

ACTION: Increase Natural Areas Coverage

PURPOSE

To provide the Board of Directors with an update on the calculation of local natural areas cover.

REPORT SUMMARY

- Natural areas in the Essex region consist of forest, wetland, prairie, meadow, thicket and alvar vegetation communities
- Natural areas cover in the region has been previously calculated in 1958, 1975, 1981 and 1992 (forest cover only), 2002 and most recently in 2012 (all natural areas).
- Between 2002 and 2012 natural areas cover calculations revealed an increase from 7.5% to 8.5% of the region, for a gain of approximately 4,100 acres (1,700 hectares).
- Recalculation of the 2012 natural areas cover included GIS analysis of higher resolution aerial photography, delineation of additional vegetation communities not analyzed in previous natural areas calculations, and mapped restoration efforts since 2002.
- By working cooperatively and voluntarily with landowners, the habitat protection and restoration programs of ERCA and its partners have contributed to a significant increase in natural areas cover, and make our region a more attractive place to live, work and invest.

BACKGROUND

ERCA has a lengthy history of studying, evaluating, protecting and restoring our region's natural areas. Since the Conservation Authority was established, we have acquired over 4,000 acres (1,600 hectares), and have assisted in the securement of other lands by our conservation partners. We have restored an additional 9,000 acres (3,600 hectares) by planting over 5.85 million trees and completing wetland enhancement and other projects. All these accomplishments have addressed two of the Conservation Authority's highest priorities – to protect the most biologically significant parts of our region, and to increase natural areas cover to 12% of the landscape through habitat restoration.

APPENDIX "D"



Natural areas cover includes the total of all habitat types found in our region, including forest, wetland (includes open water coastal features, marshes and wooded swamps), meadow and prairie (grasslands that will become colonized by trees and shrubs if left unmanaged), thicket (areas of woody succession dominated by shrubs and small trees) and alvar (very thin, poorly drain soils overlying limestone bedrock that support a specialized vegetation community).

In order to measure progress towards our goal of 12% of natural areas cover, natural areas cover has been measured periodically. Previous results are as follows:

| | |
|------|--|
| 1958 | 3.9% forest cover (calculated for Essex County) |
| 1975 | 3.4% forest cover (calculated for the ERCA watershed) |
| 1981 | 2.6% forest cover (calculated for Essex County) |
| 1992 | 3.7% forest cover (calculated for the ERCA watershed) |
| 2002 | 7.5% natural areas cover (calculated for the ERCA watershed and includes 5.0% forest, 2.5% wetland, 0.05% prairie and 0.01% alvar) |

ERCA recently recalculated natural areas cover using Geographic Information Systems (GIS) software and high resolution air photos taken in the spring of 2008. Large tree planting projects completed between 2009 and 2011 were manually added. Only those areas that are unmanaged were included in the calculation i.e., parks and other forested properties which have a ground cover of maintained grass were not included in the calculation. Wetland was calculated using data provided by the Ontario Ministry of Natural Resources.

Recent air photography permitted a much more accurate resolution of landscape features, and therefore features as small as 0.1 acres could be delineated. For the 2002 natural areas calculation, only those natural areas larger than 1.2 acres were included, primarily due to the GIS software and resolution of the aerial photography available at that time. Therefore, the 2012 calculation includes features that were present in the landscape but not included in the 2002 calculation. Though they provide additional refinement of the datasets, natural areas between 0.1 acres and 1.1 acres in size only represent 0.2% of all natural areas in Essex region.

Between 2002 and 2012 the calculation of total natural area cover has increased by 4,100 acres (1,700 hectares) or a full percentage point to 8.5% of the region. Current natural areas cover includes:

| | |
|------|---------------------------------|
| 5.4% | Forest |
| 2.6% | Wetland |
| 0.5% | Prairie, Alvar, Meadow, Thicket |
| 8.5% | Total Natural Areas |

The attached figure shows the location of existing natural areas, as well as the location of ERCA's tree planting projects from 2006 through 2011. The figure illustrates how natural areas cover is variable across the region, with more cover in the south and west parts of the region. The attached table includes natural areas cover by municipality; note that municipal statistics are based on municipal boundaries and not the ERCA watershed, which does not include the easternmost parts of Lakeshore and Leamington.



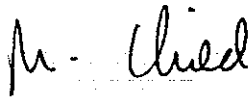
ERCA's programming, in addition to the programming of other conservation organizations in our region, continues to contribute to increases in natural areas cover and is moving us closer to our goal of 12%. Unlike many parts of the Province where natural areas cover remains unchanged or is decreasing, the cooperative and voluntary partnerships we have with landowners not only lead to improved environmental outcomes, but also contribute to the overall quality of place and therefore make our region a more attractive place to live, work and invest.

RECOMMENDATION

That Report BD 15/12 be received for information, and

That ERCA uses the revised natural areas calculation of 8.5% in its business correspondence and publications, and

That ERCA continue to vigorously pursue its natural areas protection and restoration priorities through partnerships and by working voluntarily with landowners throughout the region.



Matthew Child, MCIP
Director of Watershed Restoration

Electronic signature on behalf of ...

Tom Dufour
Geomatics Technician



Dan Lebedyk
Conservation Biologist

Electronic signature on behalf of ...

Paul Giroux,
Forester



Richard Wyma, CSLA
General Manager/Secretary-Treasurer



Natural Areas Cover by Municipality - 2012

| Municipality | Natural Area Classification | | | Total Coverage |
|-----------------------------|-----------------------------|----------|--------------------|----------------|
| | Wetland | Woodland | Other ¹ | |
| Amherstburg | 8.91% | 6.06% | 0.98% | 16.0% |
| Essex | 0.85% | 7.49% | 0.72% | 9.1% |
| Kingsville | 0.68% | 4.87% | 0.38% | 5.9% |
| Lakeshore | 0.30% | 2.52% | 0.22% | 3.0% |
| LaSalle | 7.16% | 8.15% | 1.04% | 16.3% |
| Leamington | 1.73% | 3.18% | 0.09% | 5.0% |
| Pelee Island | 2.31% | 19.86% | 0.42% | 22.6% |
| Tecumseh | 0.00% | 4.49% | 0.32% | 4.8% |
| Windsor | 0.19% | 5.00% | 0.65% | 5.8% |
| Total Coverage ² | | | | |
| Windsor and Essex County | 2.39% | 5.03% | 0.45% | 7.9% |
| ERCA Watershed | 2.40% | 5.60% | 0.50% | 8.50% |

Notes:

¹ 'Other' includes prairie, alvar, meadow and thicket

² Total natural areas cover for Windsor and Essex County is different than the ERCA watershed because boundaries are not contiguous



DETROIT

LAKE ST. CLAIR

Natural Area Coverage (2012)

- Plantation Sites (2006-2011)
- Woodland
- Wetland
- Marsh/Thicket/Prairie/Alvar

