



THE CITY OF WINDSOR

COUNCIL SERVICES DEPARTMENT

VALERIE CRITCHLEY
CITY CLERK

IN REPLY, PLEASE REFER
TO OUR FILE NO. _____



March 27, 2012

TO: ALL MEMBERS OF THE WINDSOR-ESSEX COUNTY ENVIRONMENT COMMITTEE

This is to advise that the next meeting of the Windsor and Essex County Environment Committee is scheduled as follows:

**Thursday, March 29, 2012
5:30 o'clock p.m.
Lou Romano Water Reclamation Plant
4155 Ojibway Parkway**

The **attached** agenda will be considered. Please notify the undersigned at 519-255-6222, ext. 6430, if you are unable to attend.

Yours very truly,

Karen Kadour
Committee Coordinator (A)



AGENDA
and Schedule "A"
to the minutes of the meeting of the
WINDSOR-ESSEX COUNTY ENVIRONMENT COMMITTEE
Thursday, March 29th, 2012
Meeting at 5:30p.m.
At LOU ROMANO WATER RECLAMATION PLANT CONFERENCE ROOM

1. **CALL TO ORDER**

2. **ADDITIONS TO THE AGENDA**

3. **DECLARATION OF CONFLICT**

4. **MINUTES**

Adoption of the minutes of the meeting held March 1st, 2012 – *emailed separately.*

5. **BUSINESS ARISING FROM THE MINUTES**

- 5.1 Renewable Energy Media Campaign
- 5.2 New WECEC Appointments – *attached.*
- 5.3 Updated WECEC Strategic Plan
- 5.4 Green Speaker Series

6. **COORDINATORS REPORT**

WECEC Coordinator Monthly Report – *attached.*

7. **SUBCOMMITTEE REPORTS**

- 7.1 Air
- 7.2 Transportation
- 7.3 Provincially Significant Wetlands
- 7.4 Water Quality

8. NEW BUSINESS

8.1 Waste to Energy FIT program

9. COMMUNICATIONS

10. DATE OF NEXT MEETING

The next meeting will be held on Thursday, May 3rd, 2011 at the Lou Romano Water Reclamation Plant at 5:30 o'clock p.m.

11. ADJOURNMENT



www.citywindsor.ca

one year term
would start
end of april/
start of may.

**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: Evan Freeman-Gibb
Address: 2524 Curry Ave. Windsor, ON, N9E 2S5
Telephone number: (day) 226 345 4887
Telephone number: (residence) 519 250 0977
E-mail: freemane@uwindsor.ca
Occupation: student
Work Experience: (attach resume) Lawn Care - 2511 Curry - Summer 2010 Manual Labourer - North 82 Estate Winery - Summer 2009
Education Background: (if applicable professional credentials) BAS Mechanical Engineering (In Progress) - 2011 to Present
What skills, abilities, and specialized knowledge do you have to assist this body? As an Engineering student at the U of W, I have connections with both students and professors in the department of Civil and Environmental Engineering. I also have access to a number of resources provided by the faculty and the Engineering Students Society, which would allow me to be a productive committee member.
Why are you interested in serving the City of Windsor on this body? As a councillor on the UWSA, and as an active member of the Engineering Students Society, I am very interested in making a difference in my community, especially in areas that have connections to the various fields of Engineering.
What contribution do you believe you can make to this body? As a post-secondary student on this committee, I believe I can facilitate communication between the University of Windsor and this body. This connection would be mutually beneficial for both entities.

5.2

Continued on Page 2

What past contributions have you made on a similar body or organization?

As the Faculty of Engineering Representative on UWSA Council, I have kept the students informed of initiatives underway in the UWSA, and made sure their opinions have been voiced on council. I also hope I can contribute further to the UWSA by being a productive member of this committee.

What experience do you have in exchanging your views with others and in appreciating and respecting the skills, abilities and knowledge of others?

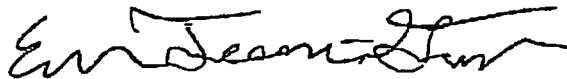
I have had extensive experience as a member of various councils and committees, and I enjoy discussing various topics with others. I am always respectful of the knowledge, abilities, and opinions of others, and I value teamwork and mutual respect in group settings.

Have you read the Mandate/Terms of Reference for this body and understand them?

Yes No

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*.



Signature of Applicant

Date: Feb 28/12

COMPLETED FORMS CAN BE RETURNED AS FOLLOWS:

(by regular mail or in person)

Averil Parent
Lou Romano Water Reclamation Plant
4155 Ojibway Parkway
Windsor, ON N9C 4A5

(e-mail) aparent@city.windsor.on.ca

(fax) 519-253-0464

Evan Freeman-Gibb

2524 Curry Avenue
 Windsor, ON N9E2S5
 (519) 250-0477
 freemane@uwindsor.ca

Education**University of Windsor**

Mechanical Engineering Co-op Student 2011 - Present

Holy Names Catholic High School

- High School Diploma 2007 - 2011
- Knight of the Month December 2010
- Honour Roll Student 2007 - 2011

Work Experience

Lawn Care Facilitator Summer 2010

2511 Curry Ave.

Was responsible for various garden and lawn maintenance tasks

Manual Labourer Summer 2009

North 42 Estate Winery

Performed various tasks assigned by the owner, Mr. Gorski

Volunteer Experience

UWSA Engineering Faculty Representative 2011 - Present

University of Windsor Students Alliance

Elected representative of the Faculty of Engineering student body on the UWSA Council

Student Leader 2009 - 2011

Holy Names Catholic High School

Responsible for a number of volunteer duties, such as amateur draftsman, Walk-a-thon volunteer, and Muskoka Woods Camp student leader

Professional Skills

- Proficient with AutoCAD, Excel, Word, Photoshop, PowerPoint
- Experience leading group drafting and design projects
- Mathematical and statistical calculations
- Group presentations and public speaking

References

- Available on Request



– MARCH, 2012 –

ONGOING INITIATIVES

1. Provincially Significant Wetlands Subcommittee

The subcommittee is expecting to attend the Environment and Transportation Standing Committee meeting April 25th when the response to the report regarding Ojibway Shores will be addressed.

A motion requesting support for the Lake Erie Coastal Trail being developed by the Carolinian Canada Coalition will be brought forward at the April WECEC meeting. Accompanying this will be a letter of support for funding continuation that we will send to Carolinian Canada to be forwarded to various funding agencies.

In regards to requesting evaluation of potential PSW or endangered species habitat properties within Windsor-Essex County, the subcommittee has decided to evaluate public land based on certain criteria (yet to be determined) and develop a list of prioritized lands. These top properties will then be brought forward to City and County Council with the recommendation to have them evaluated for significance.

2. Renewable Energy Media Campaign with Generator Design

After meeting with several solar energy companies as well as the Windsor Essex Economic Development Corporation we are excited to report that we have received significant campaign support. We have more than doubled our investment dollars which means that we will be able to launch a substantial campaign. The target launch date is Earth Day, April 22nd.

Public Education Campaign Goal

To educate the public about how solar energy and technologies benefit the residents of Windsor-Essex County and improves our lives.

Objectives:

- 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, in a variety of modalities, to our region
- Through education, encourage the use of solar energy 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

3. Student Representatives

Two student applications will be evaluated at the April WECEC meeting and sent to City and County Council for approval.

4. Water Quality Subcommittee

This subcommittee met with a representative from OMAFRA during our March meeting. We were very interested to hear about the large role that soil erosion is playing in the increase of nutrients to the Great Lakes. At the April WECEC meeting the subcommittee will bring forward a motion urging the governments of Canada and Ontario to renew the *Canada-Ontario Agreement Respecting the Great Lakes Basin Ecosystem*.

IMPORTANT UPDATES AND INFORMATION

1. Food Matters Windsor Essex

On March 3rd I attended a local food forum called “Growing Food Partnerships” organized by Food Matters Windsor Essex County. The session was extremely valuable and there was a great amount of representation from various food sectors in attendance. Presentations were made by Go for Health Windsor Essex, the Ontario Student Nutrition Program, and the Waterloo Region Food System Roundtable. Following the presentations, we brainstormed and discussed various local food issues in Windsor Essex County and formed working groups to begin investigating these issues further.

It is recommended that WECEC re-vitalise the Local Food sub-committee in order to bring issues forward to City and County Councils.

2. Earth Day 2012

Earth Day 2012 will take place on Sunday, April 22nd at Mic Mac (displays and activities) and Malden (native plant garden) Parks. The theme this year is local food – “I like my food naked, near and natural”. The Committee has purchased a booth and so will need volunteers during the day from 10am until 3pm. At the April WECEC meeting the group will discuss having a skill testing question draw to win the bike purchased last year for the Enviro Expo (which has been cancelled).

PSW Sub-committee
March 26th, 2012

Notice of Motion

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;

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 the Windsor Essex County Environment Committee recommends 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.



Windsor Essex County

ENVIRONMENT COMMITTEE

4155 Ojibway Parkway • Windsor, Ontario N9A 6S1
Tel: 519-253-7111 ext. 290 • Email: aparent@city.windsor.on.ca

(Applicable funding
organization to be filled
in by Carolinian Canada)

March 26th 2012

Re: Funding application for the Lake Erie Coastal Trail initiative submitted by Carolinian Canada.

Dear (applicable representative),

The Windsor Essex County Environment Committee would like to show support for the Lake Erie Coastal Trail developed by Carolinian Canada over the past two years. This trail offers a new way for public and private partners to manage the coastal zone for people and nature. It will help bring residents, tourists, governments, industry, nature and culture together in ways that will enable this living coastline to thrive naturally, culturally and economically, a source of pride for generations to come.

We wish to show our support for the Trail by encouraging Parks Canada to continue to fund this project through the implementation phase. The City of Windsor and the County of Essex both display stewardship roles along our coast and this Trail will contribute to commitments in our Environmental Master Plan and County Wide Active Transportation Study.

Thank you for your time and consideration,

Sincerely,

Alan Halberstadt
Committee Co-chair

Charlie Wright
Committee Co-chair

WECEC Water Quality Subcommittee
Resolution for Consideration by WECEC
March 26, 2012

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 the Windsor Essex County Environment Committee urges the governments of Canada and Ontario to renew 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.

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

File: T:\Community Services\Community Services\Community Services Council Reports\2012 Reports\DRAINAGE\DR 9 12\word\DR 9-12 - E09 Buffer Strip Policy Amendment.doc



Picture of Drain with no buffer strips



Picture of Drain with Buffer Strips



POLICY NO.	E09-Buffer Strips
DATE ENACTED:	March 3, 2003
AMENDED BY:	
PAGE:	1 of 2

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