



1. **APPROVAL OF AGENDA**

THAT the Agenda and any Addendums distributed for the December 13, 2012, meeting of Council, be approved.

2. **DECLARATIONS OF INTEREST BY MEMBERS**

Members of Council are required to state any pecuniary interest in accordance with the Municipal Conflict of Interest Act.

3. **APPROVAL OF MINUTES OF THE PREVIOUS MEETING**

THAT the minutes of the Regular Meeting of Council of November 8, 2012, be adopted.

4. **PRESENTATIONS, DELEGATIONS AND PROCLAMATIONS**

4.1. **Delegation - Community Association to Save the Stanton Hotel**

Mr. Carl Tafel to update Council the proposed relocation of the former Stanton Hotel.

5. **PUBLIC QUESTION PERIOD**

6. **PRESENTATION AND CONSIDERATION OF REPORTS**

6.1. **COMMITTEE OF THE WHOLE – November 8, 2012**

THAT the minutes of the Committee of the Whole meeting of November 8, 2012, and the recommendations set out, be adopted.

*COMMITTEE OF THE WHOLE – November 8, 2012 – Item 1a
Report – Update on Rescue Calls on County Roads*

THAT the Treasurers report dated November 8, 2012, with respect to an update on Recuse Calls on County Roads, be received.

COMMITTEE OF THE WHOLE – November 8, 2012 – Item 1b
Correspondence– Township of Amaranth - County Budget 2013

THAT the correspondence from the Township of Amaranth dated November 2, with respect to opposing the Headwaters Health Care Centre request of \$3 million and correspondence dated November 7, 2012 with respect to a cost reduction in the waste management services in the 2013 County levy, be received.

6.2. COMMUNITY SERVICES DUFFERIN OAKS COMMITTEE – November 22, 2012

THAT the minutes of the Community Services Dufferin Oaks Committee meeting of November 22, 2012, and the recommendations set out, be adopted.

COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #1
Long Term Care Home Accountability Planning Submission

THAT the report of the Administrator dated November 22, 2012 with respect to Long Term Care Accountability Planning Submission for Dufferin Oaks be received;

AND THAT Council approve the Dufferin Oaks Long Term Care Accountability Planning Submission required for submission to the Central West LHIN.

COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #2
Community Accountability Planning Submission for DCCSS

THAT the report of the Administrator dated November 22, 2012 with respect to Community Accountability Planning Submission for Dufferin County Community Support Services be received;

AND THAT Council approve the Community Accountability Planning Submission for Dufferin County Community Support Services required for submission to the Central West LHIN.

COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #3
Permanent Coordinating Committee – Mel Lloyd Centre

THAT the minutes of the Permanent Coordinating meeting for October 22, 2012 be received.

*COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #4
Jean Hamlyn Day Care Centre – Follow up Report*

THAT the report of the Director of Community Services dated November 22, 2012 - Jean Hamlyn Day Care Centre Follow Up be received;

AND THAT the fees at the Jean Hamlyn Day Care Centre be increased by 10% effective February 1, 2013 and the necessary by-law be presented to Council;

AND THAT parents with children on the waitlist be advised that there is no guarantee that the services provided at the Jean Hamlyn Daycare Centre will continue in the current form after 2013;

AND THAT staff continue to investigate additional sustainability options including resuming the parent advisory committee.

*COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #5
Assistance with Exercise Trillium Resolve*

THAT the report of the Director of Community Services dated November 22, 2012 with respect to exercise Trillium Resolve be received.

*COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #6
Grant to Centre Dufferin Recreation Complex*

THAT the report of the Director of Community Services dated November 22, 2012 - Grant to the Centre Dufferin Recreation Complex be received;

AND THAT the request for a grant to cover the payment of a new electrical plug to support a mobile generator at the Centre Dufferin Recreation Centre to accommodate Emergency Management needs of the County, be approved in the amount of \$5,000;

AND THAT the funds be taken from the 2012 Emergency Management budget.

*COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #7
Shelburne Hospital Conversion Update*

THAT the report of the Director dated November 22, 2012 with respect to the former Shelburne Hospital be received;

AND THAT the renovations to the former Shelburne Hospital be approved to accommodate 25 units (3 barrier free) on the first and second floors;

AND THAT the target tenants for the building be seniors (minimum 60 years of age) and physically disabled adults.

6.3. COMMUNITY DEVELOPMENT COMMITTEE – November 22, 2012

THAT the minutes of the Community Development Committee meeting of November 22, 2012 and the recommendations set out, be adopted.

*COMMUNITY DEVELOPMENT COMMITTEE – November 22, 2012 – Item #2
Pay As You Throw (PAYT)*

THAT the report of the Director of Public Works dated November 22, 2012 with respect to Pay As You Throw (PAYT) be received.

*COMMUNITY DEVELOPMENT COMMITTEE – November 22, 2012 – Item #3
Waste Services Policy*

THAT the Report, "CDC-2012-11-22 Waste Services Policy", from the Director of Public Works dated November 22, 2012, be received;

AND THAT the Waste Services Policy, as amended, be approved.

*COMMUNITY DEVELOPMENT COMMITTEE – November 22, 2012 – Item #5
CCI Bio Energy – Property Option Extension Request – DEEP*

THAT the request from CCI Bio Energy dated November 18, 2012 for an extension on the Option Agreement to lease lands in the Dufferin Eco Energy Park be extended until June 30, 2013.

6.4. GENERAL GOVERNMENT SERVICES COMMITTEE – November 26, 2012

THAT the minutes of the General Government Services Committee meeting of November 26, 2012, and the recommendations set out, be adopted.

*GENERAL GOVERNMENT SERVICES – November 26, 2012– Item #1
Procedural By-law 2008-15*

THAT the report of the Director of Corporate Services/Clerk dated November 28, 2012 with respect to a review of the Procedural By-law, be received;

AND THAT the General Government Services Committee and appropriate staff conduct a review of the procedural by-law, seek input from all members of Council and report back to Council with any proposed changes.

*GENERAL GOVERNMENT SERVICES – November 26, 2012– Item #2
Communications Committee Update*

THAT the report of the County Clerk/Director of Corporate Services dated November 26, 2012, regarding the Communications Update be received.

*GENERAL GOVERNMENT SERVICES – November 26, 2012 – Item #3
Thank You Letters*

THAT the correspondence from the Orangeville Sustainability Action Team dated November 5, 2012 , thanking Council for the facilitation of a community garden at the Edelbrock Centre and from Headwaters Arts received November 13, 2012 with respect to supporting the recent Headwaters Art Festival, be received.

6.5. PUBLIC WORKS COMMITTEE – November 28, 2012

THAT the minutes of the Public Works Committee meeting of November 28, 2012, and the recommendations set out, be adopted.

*PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #1
Construction Schedule Update*

THAT the report of the Director of Public Works dated November 28, 2012 with respect to the Construction Schedule Update be received and that staff provide additional information to the committee regarding the fuelling system project.

*PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #2
Mono-Amaranth Townline One Lane Bridge*

THAT the report from the Director of Public Works dated November 28, 2012 with respect to Mono-Amaranth One Lane Bridge, be received.

*PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #3
Multi-Use Trail Development*

THAT the report of the Director of Public Works dated November 28, 2012 with respect to Multi-Use Trail Development be, received;

AND THAT staff proceed with the development of a Multi-Use Trail plan for the former rail corridor including an implementation strategy for specified sections in the vicinity of Shelburne and Orangeville.

*PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #4
Shelburne East Area Transportation Study*

THAT the report of the Director of Public Works dated November 28, 2012 with respect to the Shelburne East Area Transportation Study be received.

*PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #5
Green For Life Transfer Station – County Road 11*

THAT the copy of the Green For Life Traffic Control Procedures Traffic Control Procedures for Waste Transfer Site on County Road 11, be received.

*PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #6
Ministry of Infrastructure*

THAT the correspondence from the Ministry of Infrastructure dated November 1, 2012 regarding the request from the County of Dufferin to the Province of Ontario to upload County Road 109 (formerly highway 9), be received;

THAT staff be directed to apply for infrastructure funding to allow for additional work to be done under Project PW-Roads-1254 - County Road 11 from County Road 109 to County Road 10.

*PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #7
Ontario Good Roads Association*

THAT staff request a meeting with the Minister of Transportation at the 2013 combined ROMA/OGRA Conference to discuss the uploading of County Roads 18, 109 and 124.

6.6. MUSEUM BOARD – November 28, 2012

THAT the minutes of the Museum Board meeting of November 28, 2012, and the recommendations set out, be adopted.

*MUSEUM BOARD – November 28, 2012 – Item #2
Museum Trust Fund Board - Terms of Reference*

THAT the report of the Curator/Director dated November 28, 2012 with respect to draft Terms of Reference for a proposed public fundraising committee to support the goals and activities of the Dufferin County Museum and Archives, be received:

AND THAT the Terms of Reference attached to the report be incorporated during the next review of the Procedural By-law.

*MUSEUM BOARD – November 28, 2012 – Item #3
Forest Conservation By-law*

THAT the correspondence from a resident of East Garafraxa dated November 16, 2012 with respect to the Dufferin County Forest Conservation By-law be received.

6.7. COMMITTEE OF THE WHOLE – December 4, 2012

THAT the minutes of the Committee of the Whole meeting of December 4, 2012, and the recommendations set out, be adopted.

*COMMITTEE OF THE WHOLE – December 4, 2012 – Item 1a
2013 Draft Budget Review*

THAT staff be directed to talk to the waste collection contractor to investigate cost savings through a change from weekly to bi-weekly pick-up in the rural areas.

*COMMITTEE OF THE WHOLE – December 4, 2012 – Item 1b
2013 Draft Budget Review*

THAT the 2013 draft budget be referred back to the Committees for further discussion.

6.8. Verbal Reports from Outside Boards

BOARD	MEMBER
WDG Health Unit	Councillors Taylor & Mills
Hills of Headwaters Tourism Association	Councillor Ryan
Chamber of Commerce	Councillor Oosterhof
Greater Dufferin Area Physician Search Committee	Councillor Oosterhof
Centre Dufferin Medical Recruitment Committee	Councillor Crewson
Niagara Escarpment Commission	Councillor McGhee
Western Ontario Wardens Caucus	Warden Kolodziechuk

7. CORRESPONDENCE

7.1. Township of Amaranth – Health Effects of Industrial Turbines

Township of Amaranth resolution from November 7, 2012 with respect to the adverse health effects of Industrial Wind Turbines.

THAT the resolution from the Township of Amaranth dated November 7, 2012 requesting the Province of Ontario to issue an immediate order for industrial wind companies to cease and desist operation of any wind turbines with 1.4 km of residential homes and farms, be endorsed.

8. MOTIONS

9. NOTICE OF MOTION

10. BY-LAWS

- 2012-40 A by-law to amend by-law 2012-08, fees and charges for services and activities provided by the County of Dufferin. (Waste Services and Jean Hamlyn Daycare fees - Schedule "C" and Schedule "E") (Authorization: Community Development Committee – November 28, 2012 and Community Services Dufferin Oaks Committee – November 28, 2012)
- 2012-41 A by-law to approve an amendment to the memorandum of understanding between the Corporation of the County of Dufferin and CCI-DEEP INC. (Option Agreement for a lease at the Dufferin Eco Energy Park) (Authorization: Community Development – November 28, 2012)
- 2012-42 A by-law to ratify the actions of the Warden and Clerk executing an agreement between the Corporation of the County of Dufferin and Her Majesty The Queen in Right of Ontario as Represented by The Minister of Municipal Affairs and Housing (Community Homelessness Prevention Initiative) (Authorization: Council – December 13, 2012)

THAT by-laws 2012-40 to 2012-42, inclusive, be read a first, second and third time and enacted.

11. OTHER BUSINESS

12. CLOSED SESSION

12.1. Closed Session Minutes (Section 239 (2) (b) – Identifiable Individual and 239 (2) (c) Acquisition of Land)

Council – November 8, 2012
Museum Board – November 28, 2012

13. CONFIRMATORY BY-LAW

2012-XX A by-law to confirm the proceedings of the Council of the Corporation of the County of Dufferin at its meeting held on December 13, 2012.

THAT By-law 2012-XX be read a first, second and third time and enacted.

14. ADJOURNMENT

THAT the meeting adjourn.

DUFFERIN COUNTY COUNCIL

Thursday, November 8, 2012 at 7:00 p.m.
Council Chambers
51 Zina Street, Orangeville



Council Members Present:

Warden Walter Kolodziechuk (Amaranth)
Councillor Rob Adams (Orangeville)
Councillor Ken Bennington (Shelburne)
Councillor Rhonda Campbell Moon (Mulmur)
Councillor Ed Crewson (Shelburne)
Councillor Bill Hill (Melancthon)
Councillor Don MacIver (Amaranth)
Councillor Warren Maycock (Orangeville)
Councillor Ken McGhee (Mono)
Councillor Paul Mills (Mulmur)
Councillor John Oosterhof (Grand Valley)
Councillor Laura Ryan (Mono)
Councillor Allen Taylor (East Garafraxa)
Councillor Darren White (Melancthon)

Staff Present:

Sonya Pritchard, Chief Administrative Officer
Pam Hillock, Clerk/Director of Corporate Services
Mike Giles, Chief Building Official
Alan Selby, Treasurer
Trevor Lewis, Director of Public Works
Keith Palmer, Director of Community Services
Valerie Quarrie, Dufferin Oaks Administrator
Wayne Townsend, Museum Director/Curator
Tom Reid, Director of Paramedic Service
Mark Bialkowski, Manager of Human Resources
Michelle Dunne, Deputy Clerk

Warden Kolodziechuk called the meeting to order at 7:00 p.m.

The Warden noted the upcoming meetings:

Community Development Committee – Thursday, November 29, 2012, 7:00 p.m.

General Government Services – Monday, November 26, 2012, 4.45pm

Public Works Committee – Wednesday, November 28, 2012, 7:00a.m.

Museum Board - Wednesday, November 28, 2012, 10:00 a.m.

Community Services/Dufferin Oaks Committee-Wednesday, *November 28, 2012, 3:30p.m.
(*please note the meeting has since changed to November 22, 2012 at 5:30 p.m.)

Joint Council Workshop – Thursday, November 29, 2012 – 6:30 p.m.

Inaugural Council – Thursday December 13, 2012 – 4 :00 p.m.

1. **APPROVAL OF AGENDA**

Moved by Councillor Mills , seconded by Councillor Taylor

THAT the Agenda and any Addendums distributed for the November 8, 2012, meeting of Council, be approved.

-Carried-

2. **DECLARATIONS OF INTEREST BY MEMBERS**

Members of Council are required to state any pecuniary interest in accordance with the Municipal Conflict of Interest Act.

Councillor Crewson declared a pecuniary interest in Item #7.1 – Correspondence from Area Residents with respect to the Rail Corridor Easement request, as he owns property adjoining the rail lands. He declared that he would take no part in the voting or discussion on these matters and would vacate the room during discussion and voting.

3. **APPROVAL OF MINUTES OF THE PREVIOUS MEETING**

Moved by Councillor McGhee, seconded by Councillor Campbell Moon

THAT the minutes of the Regular Meeting of Council of October 11, 2012, be adopted.

-Carried-

4. **PRESENTATIONS, DELEGATIONS AND PROCLAMATIONS**

4.1. **Proclamation – Bullying Awareness and Prevention Week – November 18- 24, 2012**

Chief Joseph Tomei, Orangeville Police Service, Chief Kent Moore, Shelburne Police Service and Staff Sargent Steven Sills were in attendance to accept the proclamation. The Warden thanked members of council who wore pink in support of this initiative.

4.2. **Presentation – Mr. Sam AbiSaab, Heart and Stroke Foundation of Ontario and Mr. Tom Reid, Director of Paramedic Service–Making your Municipality More Cardiac Safe.**

Mr. AbiSaab addressed Council with an overview of what Heart and Stroke Foundation does and the current campaign objectives. He noted the need to raising awareness about the importance and ease of CPR training and use of an AED (automated external defibrillator). Currently there is 58 AED in Dufferin County, with 3 lives saved in our community. Training and promotion is on-going with future implementation of Grade 9 compulsory CPR training.

Mr. AbiSaab requested Council support the Heart and Stroke Foundation's request to the Minister of Health and Long Term Care that the script for emergency medical dispatchers be revised to provide the most compelling, clear and mandatory CPR direction in all cases of cardiac arrest.

4.3. Presentation – Mr. Wayne White, Friends of Island Lake –Island Lake Community Trails Campaign Report.

Mr. White addressed Council with and update on the Island Lake Community Trails Campaign. He noted they have raised more than \$980,000 and completed more than 7 km of accessible trails at Island Lake. Their fundraising goal is \$125,000 and will be seeking \$25,000 through the County grant process.

4.4. Presentation – Ms. Jenny Carver and Ms. Sue Snider, Volunteer Dufferin –Volunteer Dufferin Website

Ms. Carver and Ms. Snider addressed Council to give an overview of the Volunteer Dufferin and a tour of their newly launched website.
www.volunteerdufferin.ca .

4.5. Delegation – Ms. Andrea Papavasiliou - representing Jean Hamlyn Day Care Centre Parents.

Ms. Papavasiliou addressed Council with respect to sustainability options for Jean Hamlyn Daycare. She suggested options for consideration such as establishing a Parent Advisory Council, expanding the Toddler Program, increase revenue, increasing fees, adding more spaces and adding day camps. She requested Council defer a decision on whether or not to close the daycare until 2014 when full day kindergarten is expected to be implemented at Princess Elizabeth School.

5. PUBLIC QUESTION PERIOD

Mr. Randal Squire, Orangeville resident, said according to the latest census and the Places to Grow Act, daycare needs will grow in the County over the next few years, therefore, asked Council to continue the investment in our Community with Jean Hamlyn Daycare.

Ms. Angel Ortolan, Orangeville resident asked if Jean Hamlyn Daycare were to close, what plans are there for the building and land. Warden Kolodziechuk advised that no discussion has taken place regarding the land or building.

Ms. Wendy Goss, Orangeville resident asked why Dufferin County is looking at closing the Jean Hamlyn Daycare when the County of Dufferin that actively pursued taking over the service in 1999. Chair Crewson advised that the County Council did not actively pursue taking over the daycare.

PRESENTATION AND CONSIDERATION OF REPORTS

6. GENERAL GOVERNMENT SERVICES COMMITTEE – October 22, 2012

Moved by Councillor McGhee, seconded by Councillor Hill

THAT the minutes of the General Government Services Committee meeting of October 22, 2012, and the recommendations set out, excluding Item #2, be adopted.

-Carried-

7. GENERAL GOVERNMENT SERVICES – October 22, 2012– Item #3 Health Unit Financing Agreement

THAT the Treasurer's report dated October 22, 2012, on Health Unit Capital Financing be received;

AND THAT the Draft Financing Agreement with the Health Unit be approved and the final version be presented in Bylaw form to County Council.

8. GENERAL GOVERNMENT SERVICES – October 22, 2012 – Item #2 2013 Budget

Moved by Councillor Maycock, seconded by Councillor Ryan

THAT the Memorandum from Warden Kolodziechuk regarding the establishment of scholarships be forwarded to budget deliberations.

-Carried-

9. PUBLIC WORKS COMMITTEE – October 24, 2012

Moved by Councillor Mills, seconded by Councillor Ryan

THAT the minutes of the Public Works Committee meeting of October 24, 2012, and the recommendations set out, be adopted.

-Carried-

10. PUBLIC WORKS COMMITTEE – October 24, 2012 – ITEM #3
Property Acquisition for Road Widening Purposes

THAT staff be directed to take action as discussed in closed session.

11. PUBLIC WORKS COMMITTEE – October 24, 2012 – ITEM #4
Construction Updates

THAT the report from the Director of Public Works dated October 24, 2012 with respect to the 2012 Construction Updates be received for information.

12. PUBLIC WORKS COMMITTEE – October 24, 2012 – ITEM #5
Community Safety Zone Request

THAT the correspondence from the Town of Mono dated September 18, 2012 requesting Mono Centre be designated as a community safety zone be supported and that the traffic by-law be amended to reflect this decision.

13. PUBLIC WORKS COMMITTEE – October 24, 2012 – ITEM #6
Federal Long-Term Infrastructure Plan

THAT the correspondence from the Honourable Bob Chiarelli, Minister of Infrastructure and Transportation dated October 2, 2012 with respect to a Federal Long Term Infrastructure Plan, be received.

14. PUBLIC WORKS COMMITTEE – October 24, 2012 – ITEM #7
Notice of Public Information Centre – Highway 89 Structure Replacements and Rehabilitation

THAT the correspondence from Morrison Hershfield dated October 9, 2012 with respect to a Notice of Public Information Centre regarding Highway 89 Structure Replacements and Rehabilitation, Mount Forest to Shelburne, be received.

15. PUBLIC WORKS COMMITTEE – October 24, 2012 – ITEM #6
Notice of Public Information Centre – Grey County Transportation Master Plan

THAT the correspondence from Grey County dated October 16, 2012 with respect to a Notice of Public Information Centre regarding a Transportation Master Plan, be received.

16. MUSEUM BOARD – October 24, 2012

Moved by Councillor Campbell Moon, seconded by Councillor Oosterhof

THAT the minutes of the Museum Board meeting for October 24, 2012 and the recommendations set out be adopted.

-Carried-

17. MUSEUM BOARD – October 24, 2012 – Item #2
2012 Third Quarter Report

THAT the report of the Director/Curator dated October 24, 2012 to provide Board members with an overview of departmental activities for the period July 1 to September 30, 2012, be received.

18. MUSEUM BOARD – October 24, 2012 – Item #3
Museum Trust Fund Board Minutes : June 11 and October 3, 2012 and Working Notes : October 15, 2012

THAT staff be directed to clarify the terms of reference for the Museum Trust Fund Advisory Committee and report back to the next meeting.

THAT the minutes of the Museum Trust Fund meeting held on June 11, and October 3, 2012 and working notes from a meeting held on October 15, 2012, be received.

19. MUSEUM BOARD – October 24, 2012 – Item #5
DMCA Staff Restructuring

THAT staff be instructed to carry out the direction as discussed in closed session and report back to the next meeting.

20. MUSEUM BOARD – October 24, 2012 – Item #6,
Battlefield Tour – 2013

THAT funds required to send a representative on behalf of the County of Dufferin to the 2013 Battlefield Tour, be approved up to a maximum of \$5000.

21. **COMMUNITY SERVICES DUFFERIN OAKS COMMITTEE – October 24, 2012**

Moved by Councillor Crewson, seconded by Councillor Taylor

THAT the minutes of the Community Services Dufferin Oaks Committee meeting of October 24, 2012, and the recommendations set out, be adopted.

-Carried-

22. COMMUNITY SERVICES/DUFFERIN OAKS – October 24, 2012 ITEM #2
Construction Update – Edelbrock Centre

THAT the report of the Chief Building Official and Director of Community Services dated October 24th, 2012 be received;

AND THAT staff be authorized to purchase refurbished furniture from Envirotech Office Systems Inc.

23. COMMUNITY SERVICES/DUFFERIN OAKS – October 24, 2012 ITEM #3
Jean Hamlyn Day Care Centre – Follow up Report

THAT the report of the Director, Community Services dated October 24th, 2012 - Jean Hamlyn Day Care Centre – Follow up Report be received.

24. **COMMUNITY DEVELOPMENT COMMITTEE – October 25, 2012**

Moved by Councillor Oosterhof, seconded by Councillor Ryan

THAT the minutes of the Community Development Committee meeting of October 25, 2012 and the recommendations set out, be adopted.

-Carried-

25. COMMUNITY DEVELOPMENT COMMITTEE– October 25, 2012 ITEM #2
Memorandum of Understanding – Region of York

THAT Report CDC-2012-10-25, New MOU with the Region of York, from the Director of Public Works dated October 25, 2012 be received;

AND THAT the principles outlined in the report be approved;

AND THAT staff be directed to finalize the MOU agreement for presentation to Council along with the necessary bylaw.

26. COMMUNITY DEVELOPMENT COMMITTEE– October 25, 2012 ITEM #3
Household Hazard Waste Days

THAT the Report, “CDC-2012-10-25 Household Hazardous Waste Days in 2013” from the Director of Public Works, dated October 25, 2012 be received;

AND THAT the proposed 2013 Household Hazardous Waste and Electronic Goods Recycling Days be approved as follows:

Saturday, May 4th – Town of Mono Works Yard
Saturday, May 25th – Primrose Operations Centre
Saturday, June 22nd – Town of Orangeville Operations Centre
Wednesday, July 31st – Town of Orangeville Operations Centre
Saturday, September 7th – Grand Valley Works Yard
Saturday, October 5th – Primrose Operations Centre
Saturday, October 26th – Town of Orangeville Operations Centre

AND THAT the County extend the Buckham Transport contract to 2013.

27. Report – Third Quarter 2012 Financial Review

Moved by Councillor Oosterhof, seconded by Councillor Crewson

THAT the report from the Treasurer dated November 8, 2012 with respect to the 2012 third quarter review be received.

-Carried-

28. Verbal Report – Strategic Plan Update

Ms. Sonya Pritchard gave a verbal update report on the Community Strategic Plan process. A joint council workshop has been scheduled to be held on Thursday, November 29, 2012 at the Orangeville Agriculture Centre to seek input on the next steps. She also informed Council she has been working with Ron Munro, Dufferin.biz to schedule meetings with the business communities.

29. Verbal Reports from Outside Boards

Wellington Dufferin Guelph Health Unit

Councillor Mills reported they met on November 7, 2012 and discussed the health community project, immune records and oral health. He informed Council that a building permit was issued on November 6, 2012 for the new facility in Orangeville.

Hills of Headwaters Tourism Association

Councillor Ryan reported the Equine Leadership conference held on October 18, 2012 was successful with 90 attendees and 75 attended the gala dinner. The Taste of Tourism Awards will be held on November 14 at 5:30 p.m

Chamber of Commerce

Councillor Oosterhof reported there was no meeting.

Greater Dufferin Area Physician Search Committee

Councillor Oosterhof reported there was no meeting.

Centre Dufferin Medical Recruitment Committee

Councillor Crewson reported there was no meeting.

Niagara Escarpment Committee

Councillor McGhee reported a meeting was held in Mono on October 17 and 18, 2012. They discussed comments from the Nelson Quarry expansion hearing, and a peer review of the proposed Niagara Region Wind Corp. transmission lines is underway. Documents were given to staff to circulate to Council for information.

Western Ontario Warden's Caucus

Warden Kolodziechuk reported that the development fund was discussed at the last meeting. Applications will be made directly to the Ministry, and the criteria is listed on the Ministry's website.

CORRESPONDENCE

Councillor Crewson declared a pecuniary interest and left the room (8:36 p.m.)

**30. Area Residents re Dufferin Wind Power
Township of Amaranth – Health Effects of Industrial Turbines**

Moved by Councillor Taylor, seconded by Councillor Ryan

THAT the correspondence from area residents regarding the proposed easement with Dufferin Wind Power Inc, be received;

AND THAT the correspondence from the Township of Amaranth dated October 21, 2012 addressed to Chief Medical Officer Dr. Arlene Kind with respect to the adverse health effects of Industrial Wind Turbines, be received.

-Carried-

Councillor Crewson returned to the Council Chambers (8:39 p.m.)

31. MOTIONS

Brought forward from last meeting.

Moved by Councillor Hill, seconded by Councillor Mills

THAT section 3:18 of the County Procedural By-Law 2008-15 be amended to read "Committee Chairs shall be selected by members of the respective Standing Committees at the first meeting of the Committee following the inaugural meeting of Council."

AND THAT Section 3:19a be amended to read "The Members of Council will complete forms indicating their preference for sitting on various standing committees. Representation on the standing committees should accommodate the broadest representation from the Lower Tier Municipalities represented on Council. Committee members should be decided by consensus of the members of Council. If no consensus can be reached then an election of committee members will be conducted."

A recorded vote was requested and taken as follows:

	Yea	Nay
Councillor Adams (6)		x
Councillor Bennington (1)	x	
Councillor Campbell Moon (1)		x
Councillor Crewson (2)	x	
Councillor Hill (1)	x	
Warden Kolodziechuk (1)	x	
Councillor MacIver (1)		x
Councillor Maycock (6)		x
Councillor McGhee (2)	x	
Councillor Mills (1)	x	
Councillor Oosterhof (2)		x
Councillor Ryan (2)	x	
Councillor Taylor (2)	x	
Councillor White (1)	x	
Total	13	16
	-LOST-	

32. NOTICE OF MOTION

33. BY-LAWS

2012-38 A by-law to amend by-law 2005-32, schedule "I", to regulate traffic on roads under the jurisdiction of the County of Dufferin.
(Community Safety Zone - County Road 8 – Mono Centre)

Moved by Councillor Oosterhof, seconded by Councillor Ryan

THAT By-law 2012-38 be read a first, second and third time and enacted.

-Carried-

34. OTHER BUSINESS

Councillor Crewson thanked Warden Kolodziechuk for a very productive year and excellent job as Warden.

35. CLOSED SESSION

Moved by Councillor McGhee, seconded by Councillor Oosterhof

THAT Council move into Closed Session (8:51p.m.) in accordance with Section 239 (2) (b) – Identifiable Individual and 239 (2) (c) Acquisition of Land)

-Carried-

While in Closed Session, Council reviewed the minutes of the Closed Session of the Public Works meeting for October 24, 2012 and the Museum Board for October 24, 2012 and review a confidential report from the CAO on the recruitment of the Director of Public Works.

Moved by Councillor Adams, seconded by Councillor McGhee

THAT Council move into Open Session (9:15 p.m.)

-Carried-

36. BUSINESS ARISING FROM CLOSED

Moved by Councillor Campbell Moon, seconded by Councillor Mills,

THAT the closed session minutes from the Public Works meeting of October 24, 2012 and Museum Board meeting of October 24, 2012, be approved;

AND THAT, the report of Sonya Pritchard, Chief Administrative Officer dated November 8, 2012 regarding the Recruitment Report – Director of Public Works Public be received;

AND THAT, the recommendation of the hiring committee to select Scott Burns as the Director Public Works be approved;

AND THAT, the appointment be effective January 1, 2013,

AND THAT, the additional funds required for the overlap period be allocated from the Rate Stabilization Reserve.

-Carried-

37. CONFIRMATORY BY-LAW

2012-39 A by-law to confirm the proceedings of the Council of the Corporation of the County of Dufferin at its meeting held on November 8, 2012.

Moved by Councillor Ryan, seconded by Councillor White

THAT By-law 2012-39 be read a first, second and third time and enacted.

-Carried-

38. ADJOURNMENT

Moved by Councillor Hill, seconded by Councillor Crewson

THAT the meeting adjourn.

-Carried-

The meeting adjourned at 9:17p.m.

Next meeting: Thursday, December 13, 2012 at 6.00pm
Council Chambers, 51 Zina Street, Orangeville

Walter Kolodziechuk
Warden

Pam Hillock
Clerk

From: carl tafel
Sent: December-06-12 12:11 PM
To: Michelle Dunne
Subject: Re: Community Association to Save the Stanton Hotel - Council Delegation

Dec. 6, 2012

Michelle,

Could you please add this delegation to the Agenda of the Dec. 13 County council meeting?

Thanks very much.

Carl Tafel
Community Assoc. to Save the Stanton Hotel
Request for Delegation

NAME OF GROUP OR PERSON(S) BEING REPRESENTED:

Community Association to Save the Stanton Hotel

BRIEF STATEMENT OF ISSUE OR PURPOSE OF DEPUTATION:

To apprise county council of the progress our committee has made in regards to the relocation of the former Stanton Hotel as per the motion from the May 10 2012 county council meeting.

**DUFFERIN COUNTY
Committee of the Whole**



**Thursday, November 8, 2012 at 5:00 p.m.
Council Chambers
51 Zina Street, Orangeville**

Council Members Present:

Councillor Laura Ryan (Mono), Chair
Warden Walter Kolodziechuk (Amaranth)
Councillor Ken Bennington (Shelburne)(arrived at 5:49 p.m.)
Councillor Rhonda Campbell Moon (Mulmur)
Councillor Ed Crewson (Shelburne)(arrived at 5:29 p.m.)
Councillor Bill Hill (Melancthon)
Councillor Don MacIver (Amaranth)
Councillor Warren Maycock (Orangeville)
Councillor Ken McGhee (Mono)
Councillor Paul Mills (Mulmur)
Councillor John Oosterhof (East Luther Grand Valley)
Councillor Allen Taylor (East Garafraxa)
Councillor Darren White (Melancthon)

Council Members Absent:

Councillor Rob Adams (Orangeville)

Staff Present:

Sonya Pritchard, Chief Administrative Officer
Pam Hillock, Clerk/Director of Corporate Services
Mike Giles, Chief Building Official
Alan Selby, Treasurer
Trevor Lewis, Director of Public Works
Keith Palmer, Director of Community Services
Valerie Quarrie, Dufferin Oaks Administrator
Tom Reid, Director of Paramedic Service
Mark Bialkowski, Human Resources Manager
Michelle Dunne, Deputy Clerk

Chair Laura Ryan called the meeting to order at 5:00 p.m.

Pecuniary Interest – none declared.

1. **COMMITTEE OF THE WHOLE – November 8, 2012 – ITEM #1**
Public Consultation Period

Members of the Public were invited to comment and ask questions.

Ms. Susan Sherman, Orangeville resident addressed the Committee with her concerns about the property tax increase. She said that by raising taxes it causes undue hardship to homeowners and are a major impediment to low and

middle income families who want to purchase a home within our community. She asked Council to consider consolidating its efforts with the Town of Orangeville to keep the property taxes down.

A copy of an email from Ms. Luella Thomson with her comments on the 2013 Budget was circulated on desk.

2. **COMMITTEE OF THE WHOLE – November 8, 2012 – ITEM #2**
2013 Draft Budget Review

The Committee reviewed the Committee recommendations to the proposed 2013 County Operating and Capital Draft Budgets.

2.1. Overview of the Budget by the Treasurer.

The Treasurer gave an overview of the following changes recommended at the committee meetings:

<u>COMMITTEE RECOMMENDATION</u>	<u>Affected Account (operating) or Project Number (capital)</u>	<u>Operating</u>	<u>Capital</u>	<u>Explanation</u>
2012 Tax Levy		23,460,480	4,614,950	\$28,075,430
2013 Opening Tax Levy		26,969,245	5,815,890	\$32,785,135
GGS				
IT Capital	Any		-19,300	
Facilities Reserve Contribution	reduce		-20,000	
Grants	Class 2	-68,000		
Council	photo refinishing	-1,000		
Public Works				
Resurface County Road 23	PW-Roads-1258		-222,250	
Museum Board				
Community Services				
OW Regular	upload of CSUMP program cost recoveries	-60,000		
Jean Hamlyn		20,000		
Dufferin Oaks				
Macerators	reduce		-13,000	

CDC				
Apply all gas tax to roads	remove from DEEP		-600,000	
Reduce HHW Contract	closer to actual	-20,000		
Reduce HHW Revenue	closer to actual	5,000		
Addition to Curbside budget	SSO Processing for 7 months	165,000		
Addition to Curbside budget	Bulk & White Goods	28,000		
COW				
<i>Brought forward from Committees for Discussion:</i>				
IT Staffing				
Reduce Staff Economic adjustment to 1.0%				
Total Committee Recommended Changes		69,000.00	-874,550.00	
Adjusted 2013 Tax Levy		\$27,038,245	\$4,941,340	\$31,979,585
\$3,904,155	Grand Total Levy Change	\$3,577,765	\$326,390	amendments made
<u>increase over 2012</u>	13.906%	15.250%	7.072%	-\$1,611,100
after growth	12.906%			

Treasurer Selby presented the following five actions for Council to consider:

Action A – use Rate Stabilization Reserve for short-term Waste Management increase (\$240,000)

Action B – apply Road Rehabilitation Reserve towards Road 11 project (\$100,000)

Action C – carry over surplus for ambulance project #1007 (\$138,000)

Action D – reduce Courthouse debt repayment to half-year (\$50,000)

Action E – staffing change at Jean Hamlyn Daycare cost adjustment (\$30,400)

Council Crewson arrived during the Treasurer's presentation (5:29 p.m.).

2.2. Report – Update on Rescue Calls on County Roads

Moved by Councillor Hill, seconded by Councillor Campbell Moon

THAT the Treasurers report dated November 8, 2012, with respect to an update on Recuse Calls on County Roads, be received.

-Carried-

2.3. Correspondence– Township of Amaranth - County Budget 2013

Correspondence from the Township of Amaranth dated November 2, with respect to opposing the Headwaters Health Care Centre request of \$3 million and correspondence dated November 7, 2012 with respect to a cost reduction in the waste management services in the 2013 County levy, was circulated on desk.

Moved by Councillor MacIver, seconded by Councillor White

THAT the correspondence from the Township of Amaranth dated November 2, with respect to opposing the Headwaters Health Care Centre request of \$3 million and correspondence dated November 7, 2012 with respect to a cost reduction in the waste management services in the 2013 County levy, be received.

-Carried-

Councillor Bennington arrived (5:49 p.m.)

3. **ADJOURNMENT**

There being no further business the meeting adjourned at 5:56 p.m.

Respectfully submitted,

.....
Laura Ryan, Chair
Committee of the Whole

**COMMUNITY SERVICES/
DUFFERIN OAKS COMMITTEE
COMMITTEE MINUTES**



Thursday, November 22, 2012.

The Committee met at 5.30 pm in the Sutton Room, 55 Zina Street, Orangeville

Members Present: Councillor Ed Crewson (Chair)
Councillor Darren White
Warden Walter Kolodziechuk

Absent: Councillor Ken Bennington

Others Present: Councillor Laura Ryan
Councillor Ken McGhee

Staff Present: Sonya Pritchard, Chief Administrative Officer
Valerie Quarrie, Administrator of Dufferin Oaks
Keith Palmer, Director of Community Services
Pam Hillock, Clerk/Director of Corporate Services
Aimee Raves, Deputy Treasurer

Declarations of Pecuniary Interests – None

PUBLIC QUESTION PERIOD

Members of the public were invited to ask questions of the Committee during this time.

Parents from the Jean Hamlyn Daycare Centre were present and posed questions regarding the status of the daycare centre such as a concern with discontinuation of the waitlist, why there was no RFP's received, and when a final answer on the future of the daycare would be available.

The Director of Community Services reported that staff asked the potential respondents why they did not submit an RFP. The responses received stated that ongoing sustainability was the main reason. Mr. Palmer also stated that he is not sure what will happen in 2013. He reported that the recommendation regarding the waitlist would be that no new names would be added. Chair Crewson stated that the direction to staff is to make recommendations to keep the daycare sustainable.

DUFFERIN OAKS

1. COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #1
Long Term Care Home Accountability Planning Submission

A report from the Administrator dated November 22, 2012 to approve the Long Term Care Home Accountability Planning Submission to the Central West LHIN (Local Health Integrated Network) for Dufferin Oaks.

Moved by Councillor White, seconded by Warden Kolodziechuk,

THAT the report of the Administrator dated November 22, 2012 with respect to Long Term Care Accountability Planning Submission for Dufferin Oaks be received;

AND THAT Council approve the Dufferin Oaks Long Term Care Accountability Planning Submission required for submission to the Central West LHIN.

-Carried-

2. COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #2
Community Accountability Planning Submission for DCCSS

A report from the Administrator dated November 22, 2012 to approve the Community Accountability Planning Submission to the Central West LHIN (Local Health Integrated Network) for Dufferin County Community Support Services.

Moved by Councillor White, seconded by Warden Kolodziechuk,

THAT the report of the Administrator dated November 22, 2012 with respect to Community Accountability Planning Submission for Dufferin County Community Support Services be received;

AND THAT Council approve the Community Accountability Planning Submission for Dufferin County Community Support Services required for submission to the Central West LHIN.

-Carried-

3. COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #3
Permanent Coordinating Committee – Mel Lloyd Centre

Copy of the minutes of the Permanent Coordinating meeting for October 22, 2012.

Moved by Warden Kolodziechuk, seconded by Councillor White,

THAT the minutes of the Permanent Coordinating meeting for October 22, 2012 be received.

-Carried-

COMMUNITY SERVICES

- 4. COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #4
Jean Hamlyn Day Care Centre – Follow up Report**

A report from the Director of Community Services dated November 22, 2012 to provide the Committee with an update on the proceedings specific to the Jean Hamlyn Day Care Centre and the results of the RFP (Request for Proposal) process.

Moved by Councillor White, seconded by Warden Kolodziechuk,

THAT the report of the Director of Community Services dated November 22, 2012 - Jean Hamlyn Day Care Centre Follow Up be received;

AND THAT the fees at the Jean Hamlyn Day Care Centre be increased by 10% effective February 1, 2013 and the necessary by-law be presented to Council;

AND THAT parents with children on the waitlist be advised that there is no guarantee that the services provided at the Jean Hamlyn Daycare Centre will continue in the current form after 2013;

AND THAT staff continue to investigate additional sustainability options including resuming the parent advisory committee.

-Carried-

- 5. COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #5
Assistance with Exercise Trillium Resolve**

A report from the Director of Community Services dated November 22, 2012 to advise the Committee of the appreciation expressed by the Province of Ontario for the County's assistance during Exercise Trillium Resolve.

Moved by Warden Kolodziechuk, seconded by Councillor White,

THAT the report of the Director of Community Services dated November 22, 2012 with respect to exercise Trillium Resolve be received.

-Carried-

6. COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #6
Grant to Centre Dufferin Recreation Complex

A report from the Director of Community Services dated November 22, 2012 with information regarding a request from the Centre Dufferin Recreation Complex for a grant to assist with the cost of the installation of a generator transfer switch.

Moved by Warden Kolodziechuk, seconded by Councillor White,

THAT the report of the Director of Community Services dated November 22, 2012 - Grant to the Centre Dufferin Recreation Complex be received;

AND THAT the request for a grant to cover the payment of a new electrical plug to support a mobile generator at the Centre Dufferin Recreation Centre to accommodate Emergency Management needs of the County, be approved in the amount of \$5,000;

AND THAT the funds be taken from the 2012 Emergency Management budget.
-Carried-

7. COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #7
Shelburne Hospital Conversion Update

A report from the Director of Community Services dated November 22, 2012 to update the Committee on the renovations of the former Shelburne Hospital and to investigate the possibility of converting the entire building to affordable rental housing units, market rent housing units and commercial rental space. The Director advised of changes to the report:

Gross Rental Revenue should read \$232,800
Vacancy Loss should read \$19,400
Annual Revenue should read \$213,400
1 Bedroom Annual Gross Revenue should read \$105,600
2 Bedroom Annual Gross Revenue should read 36,000

Moved by Warden Kolodziechuk, seconded by Chair Crewson,

THAT the report of the Director dated November 22, 2012 with respect to the former Shelburne Hospital be received;

AND THAT the renovations to the former Shelburne Hospital be approved to accommodate 25 units (3 barrier free) on the first and second floors;

AND THAT the target tenants for the building be seniors (minimum 60 years of age) and physically disabled adults.

-Carried-

DISCUSSION

**8. COMMUNITY SERVICES/DUFFERIN OAKS – November 22, 2012 - ITEM #8
2013 Draft Budget**

No further action was taken on the draft 2013 Budget.

ADJOURNMENT

The meeting adjourned at 6:54 p.m.

Next meeting: To be determined

Respectfully submitted

.....
Councillor Ed Crewson, Chair
Community Services and Dufferin Oaks Committee

COMMUNITY DEVELOPMENT COMMITTEE MINUTES

Thursday November 22, 2012



The Committee met at 7:00 p.m. in the Sutton Room, 55 Zina Street, Orangeville

Members Present: Councillor Allen Taylor, Chair
Warden Walter Kolodziechuk
Councillor Bill Hill
Councillor John Oosterhof
Councillor Don MacIver
Councillor Darren White, Member from Melancthon
Ed Kroeker (Public Member)
Sharon Smith (Public Member)
Steve Soloman, Member from East Luther Grand Valley
Winston Uytenbogaart (Public Member)

Others Present: Councillor Laura Ryan
Councillor Ken McGhee

Staff Present: Sonya Pritchard, Chief Administrative Officer
Pam Hillock, Clerk/Director of Corporate Services
Aimee Raves, Deputy Treasurer
Melissa Kovacs-Reid, Manager of Waste

Declarations of Pecuniary Interest by Members – None

PUBLIC QUESTION PERIOD

None.

Chair Taylor asked for a motion to add an item to the Agenda: Spreadsheets pertaining Cost Breakdown of Waste Management, Impact on Residents by Municipality, Waste Levy Impact to Residents for 2012, 2013 and 2015.

Moved by Councillor Hill, Seconded by Councillor MacIver,

THAT the handout pertaining to Waste Management Cost, be added to the agenda.

-Carried-

REPORTS

1. COMMUNITY DEVELOPMENT COMMITTEE – November 22, 2012 – Item #1
Waste Management Cost Breakdown

The Chief Administrative Officer gave an overview of the handout which outlines the costs of Waste Management and impact to the municipal tax levy by municipality.

Moved by Councillor MacIver, Seconded by Ed Kroeker,

THAT staff be directed to calculate a rebate to municipalities, whose residents will see an increase for the cost of waste services, based on the number of stops for waste collection in each municipality.

-Lost-

2. COMMUNITY DEVELOPMENT COMMITTEE – November 22, 2012 – Item #2
Pay As You Throw (PAYT)

A report from the Director of Public Works dated November 22, 2012 with respect to Pay As You Throw (PAYT) Considerations.

Moved by Councillor Hill, seconded by Councillor White,

THAT the report of the Director of Public Works dated November 22, 2012 with respect to Pay As You Throw (PAYT) be received.

-Carried-

3. COMMUNITY DEVELOPMENT COMMITTEE – November 22, 2012 – Item #2
Waste Services Policy

A report from the Director of Public Works dated November 22, 2012 with respect to a Waste Services policy.

Moved by Councillor Hill, seconded by Councillor White,

THAT the Report, "CDC-2012-11-22 Waste Services Policy", from the Director of Public Works dated November 22, 2012, be received;

AND THAT the Waste Services Policy, as amended, be approved.

-Carried-

DISCUSSION

4. COMMUNITY DEVELOPMENT COMMITTEE – November 22, 2012 – Item #4
2013 Draft Budget

No further discussion 2013 Budget took place.

CORRESPONDENCE

5. COMMUNITY DEVELOPMENT COMMITTEE – November 22, 2012 – Item #5
CCI Bio Energy – Property Option Extension Request – DEEP

Correspondence from CCI Bio Energy dated November 18, 2012 requesting an extension on the Option Agreement to lease lands in the Dufferin Eco Energy Park.

Moved by Councillor Oosterhof, seconded by Councillor Hill,

THAT the request from CCI Bio Energy dated November 18, 2012 for an extension on the Option Agreement to lease lands in the Dufferin Eco Energy Park be extended until June 30, 2013.

-Carried-

ADJOURNMENT

There being no further business, the meeting adjourned at 8:33 p.m.

Next Meeting: Date: To be determined

Respectfully submitted,

Councillor Allen Taylor, Chair
Community Development Committee

GENERAL GOVERNMENT SERVICES COMMITTEE MINUTES



Monday, November 26, 2012

The Committee met at 4:45 p.m. in the Sutton Room, 55 Zina Street, Orangeville.

Members Present: Councillor Laura Ryan (Chair)
Councillor Rob Adams
Councillor Rhonda Campbell Moon
Councillor Warren Maycock
Warden Walter Kolodziechuk

Staff Present: Sonya Pritchard, C.A.O.
Pam Hillock, Clerk/Director of Corporate Services
Mike Giles, Chief Building Official
Aimee Raves, Deputy Treasurer
Michelle Dunne, Deputy Clerk

Chair Ryan called the meeting to order at 4:45 p.m.

Declarations of Pecuniary Interest by Members

REPORTS

1. **GENERAL GOVERNMENT SERVICES – November 26, 2012– Item #1**
Procedural By-law 2008-15

A report from the Director of Corporate Services/Clerk dated November 26, 2012 to recommend that a Procedural By-law Review Sub-Committee be established to review the current Procedural By-law.

Moved by Councillor Campbell Moon, seconded by Councillor Maycock

THAT the report of the Director of Corporate Services/Clerk dated November 28, 2012 with respect to a review of the Procedural By-law, be received;

AND THAT the General Government Services Committee and appropriate staff conduct a review of the procedural by-law, seek input from all members of Council and report back to Council with any proposed changes.

-Carried-

2. GENERAL GOVERNMENT SERVICES – November 26, 2012– Item #2
Communications Committee Update

A report from the Director of Corporate Services/Clerk dated November 26, 2012 to provide the Committee with an update on the communications in particular, the website update and social media.

Moved by Councillor Maycock, seconded by Councillor Campbell Moon

THAT the report of the County Clerk/Director of Corporate Services dated November 26, 2012, regarding the Communications Update be received.

-Carried-

CORRESPONDENCE

3. GENERAL GOVERNMENT SERVICES – November 26, 2012 – Item #3
Thank You Letters

a) Orangeville Sustainability Action Team dated November 5, 2012, giving thanks for the facilitation of the community garden at the Edelbrock Centre.

b) Headwaters Arts received November 13, 2012 with respect to supporting the recent Headwaters Art Festival.

Moved by Councillor Maycock, seconded by Councillor Campbell Moon

THAT the correspondence from the Orangeville Sustainability Action Team dated November 5, 2012 , thanking Council for the facilitation of a community garden at the Edelbrock Centre and from Headwaters Arts received November 13, 2012 with respect to supporting the recent Headwaters Art Festival, be received.

-Carried-

BUDGET

4. GENERAL GOVERNMENT SERVICES – November 26, 2012 – Item #4
2013 Budget

No further discussions on the 2013 draft budget

ADJOURNMENT

The meeting adjourned at 4:51 p.m.

NEXT REGULAR MEETING:

To be determined
55 Zina Street, Sutton Room
Orangeville

Respectfully submitted,

.....
Councillor Laura Ryan, Chair
General Government Services Committee



PUBLIC WORKS COMMITTEE MINUTES

Wednesday, November 28, 2012

The Committee met at the Primrose Operations Centre at 7:00 a.m.

Members Present: Councillor Ken McGhee (Chair)
Councillor Don Maclver
Warden Walter Kolodziechuk

Members Absent: Councillor Paul Mills (prior notice)

Staff Present: Sonya Pritchard, C.A.O.
Trevor Lewis, Director of Public Works
Scott Martin, Operations Supervisor
Scott Burns, Engineering Technician
Alan Selby, Treasurer
Michelle Dunne, Deputy Clerk

Chair McGhee called the meeting to order at 7:00 a.m.

Declarations of Pecuniary Interest by Members – None

QUESTION PERIOD

Members of the public were provided an opportunity to ask questions of the Committee during this time. There were no members of the Public in attendance.

REPORTS

1. PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #1
Construction Schedule Update

A report from the Director of Public Works dated November 28, 2012 to update the Committee on the Construction Schedule for 2012.

Moved by Councillor Maclver, seconded by Warden Kolodziechuk

THAT the report of the Director of Public Works dated November 28, 2012 with respect to the Construction Schedule Update be received and that staff provide additional information to the committee regarding the fuelling system project.

-Carried-

2. PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #2
Mono-Amaranth Townline One Lane Bridge

A report from the Director of Public Works dated November 28, 2012 to update the committee on action pertaining to a review of the Mono-Amaranth Townline 'One Lane Bridge', as discussed at the Wednesday, September 26, 2012 Public Works Committee Meeting (under Item 5 of minutes).

Moved Warden Kolodziechuk by, seconded by Councillor MacIver

THAT the report from the Director of Public Works dated November 28, 2012 with respect to Mono-Amaranth One Lane Bridge, be received.

-Carried-

3. PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #3
Multi-Use Trail Development

A report from the Director of Public Works dated November 28, 2012 to follow up on a request from Council at the September 2012 meeting to investigate options for a multi-use trail along the former rail corridor.

Moved by Councillor MacIver, seconded by Warden Kolodziechuk

THAT the report of the Director of Public Works dated November 28, 2012 with respect to Multi-Use Trail Development be, received;

AND THAT staff proceed with the development of a Multi-Use Trail plan for the former rail corridor including an implementation strategy for specified sections in the vicinity of Shelburne and Orangeville.

-Carried-

4. PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #4
Shelburne East Area Transportation Study

A report from the Director or Public Works dated November 28, 2012 to present the final report on the Shelburne East Area Transportation Study. A copy of the Executive Summary is attached.

Moved by Councillor MacIver, seconded by Warden Kolodziechuk

THAT the report of the Director of Public Works dated November 28, 2012 with respect to the Shelburne East Area Transportation Study be received.

-Carried-

CORRESPONDENCE

5. PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #5
Green For Life Transfer Station – County Road 11

A copy of the Green For Life Traffic Control Procedures for Waste Transfer Site on County Road 11. This is a follow up to the concerns from the committee about motorists backing up on County Road 11 while accessing the transfer station.

Moved by Councillor MacIver, seconded by Warden Kolodziechuk

THAT the copy of the Green For Life Traffic Control Procedures Traffic Control Procedures for Waste Transfer Site on County Road 11, be received.
-Carried-

6. PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #6
Ministry of Infrastructure

Correspondence from the Ministry of Infrastructure dated November 1, 2012 regarding the request from the County of Dufferin to the Province of Ontario to upload County Road 109 (formerly highway 9).

Moved by Warden Kolodziechuk, seconded by Councillor MacIver

THAT the correspondence from the Ministry of Infrastructure dated November 1, 2012 regarding the request from the County of Dufferin to the Province of Ontario to upload County Road 109 (formerly highway 9), be received;

THAT staff be directed to apply for infrastructure funding to allow for additional work to be done under Project PW-Roads-1254 - County Road 11 from County Road 109 to County Road 10.

-Carried-

7. PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #7
Ontario Good Roads Association

Correspondence from the Ontario Good Roads Association (OGRA) dated November 8, 2012 regarding delegation requests with Ministers at the 2013 combined ROMA/OGRA Conference.

Moved by Councillor MacIver, seconded by Warden Kolodziechuk

THAT staff request a meeting with the Minister of Transportation at the 2013 combined ROMA/OGRA Conference to discuss the uploading of County Roads 18, 109 and 124.

-Carried-

DISCUSSION

- 8. PUBLIC WORKS COMMITTEE – November 28, 2012 – ITEM #8
2013 Draft Budget Discussion

The Committee had further discussion on the 2013 Draft Budget.

ADJOURNMENT

There being no further business, the meeting adjourned at 8:18 a.m.

Next Meeting: To be determined
Operations Centre Primrose

Respectfully Submitted,

.....
Councillor Ken McGhee, Chair
Public Works Committee

MUSEUM BOARD MINUTES

Wednesday, November 28, 2012



The Museum Board met at 10.00 a.m. at 55 Zina Street, Orangeville.

Members Present: Councillor John Oosterhof (Chair)
Councillor Allen Taylor
Councillor Bill Hill
Warden Walter Kolodziechuk

Staff Present: Sonya Pritchard, Chief Administrative Officer
Alan Selby, Treasurer
Wayne Townsend, Curator
Darrell Keenie, Manager
Caroline Mach, County Forest Manager
Steve Brown, Archivist
Mark Bialkowski, Human Resources Manager
Michelle Dunne, Deputy Clerk

Declarations of Pecuniary Interest by Members – None

1. MUSEUM BOARD – November 28, 2012 – Item #1
2013 Budget

There was no further discussion on the 2013 Budget.

2. MUSEUM BOARD – November 28, 2012 – Item #2
Museum Trust Fund Board - Terms of Reference

Report from the Curator/Director dated November 28, 2012 to present a draft Terms of Reference for a proposed public fundraising committee to support the goals and activities of the Dufferin County Museum and Archives (DCMA).

Moved by Councillor Hill, seconded by Councillor Taylor

THAT the report of the Curator/Director dated November 28, 2012 with respect to draft Terms of Reference for a proposed public fundraising committee to support the goals and activities of the Dufferin County Museum and Archives, be received:

AND THAT the Terms of Reference attached to the report be incorporated during the next review of the Procedural By-law.

-Carried-

CORRESPONDENCE

3. MUSEUM BOARD – November 28, 2012 – Item #3
Forest Conservation By-law

Correspondence from an East Garafraxa resident dated November 16, 2012 with respect to the Dufferin County Forest Conservation By-law.

Moved by Councillor Taylor, seconded by Warden Kolodziechuk

THAT the correspondence from a resident of East Garafraxa dated November 16, 2012 with respect to the Dufferin County Forest Conservation By-law be received.

-Carried-

CLOSED SESSION

4. MUSEUM BOARD – November 28, 2012 – Item #4
DMCA Staff Restructuring

Moved by Councillor Taylor, seconded by Warden Kolodziechuk

THAT Committee move into Closed Session (10:28a.m.) in accordance with Section 239 (b) personal matters about identifiable individuals.

-Carried-

The committee reviewed a staff report in closed session regarding proposed Museum staff restructuring due to upcoming retirements and gave direction to staff to bring forward the cost of staffing implementations to the 2013 budget discussion.

Moved by Councillor Hill, seconded by Warden Kolodziechuk

THAT Committee move into open session (11:08 a.m.).

-Carried-

ADJOURNMENT

The meeting adjourned at 11:08 a.m.

Next Meeting: To be determined
55 Zina Street, Orangeville – Sutton Room

Respectfully submitted,

Councillor John Oosterhof, Chair
Dufferin County Museum and Archives and Heritage Lands Board

**DUFFERIN COUNTY
Committee of the Whole**



**Tuesday, December 4, 2012 at 7:00 p.m.
Sutton Room
55 Zina Street, Orangeville**

Council Members Present:

Warden Walter Kolodziechuk (Amaranth)
Councillor Rob Adams (Orangeville)
Councillor Rhonda Campbell Moon (Mulmur)
Councillor Ed Crewson (Shelburne) (arrived at 7:17 p.m.)
Councillor Bill Hill (Melancthon)
Councillor Don MacIver (Amaranth)
Councillor Paul Mills (Mulmur)
Councillor John Oosterhof (East Luther Grand Valley)
Councillor Laura Ryan (Mono),
Councillor Allen Taylor (East Garafraxa)
Councillor Darren White (Melancthon)

Council Members Absent:

Councillor Ken Bennington (Shelburne)
Councillor Warren Maycock (Orangeville) (prior notice)
Councillor Ken McGhee (Mono) (prior notice)

Staff Present:

Sonya Pritchard, Chief Administrative Officer
Pam Hillock, Clerk/Director of Corporate Services
Mike Giles, Chief Building Official
Alan Selby, Treasurer
Trevor Lewis, Director of Public Works
Keith Palmer, Director of Community Services
Valerie Quarrie, Dufferin Oaks Administrator
Tom Reid, Director of Paramedic Service
Mark Bialkowski, Human Resources Manager
Michelle Dunne, Deputy Clerk

Warden Kolodziechuk called the meeting to order at 7:00 p.m.

Pecuniary Interest – none declared.

1. **COMMITTEE OF THE WHOLE – December 4, 2012 – ITEM #1**
2013 Draft Budget Review

The Treasurer gave an overview of the previous changes recommended at the prior budget discussions and presented a spreadsheet showing the changes.

Councillor Crewson arrived (7:17 p.m.).

Moved by Councillor MacIver, seconded by Councillor Mills

THAT the lower tier municipal waste costs be removed from the document distributed at the last Community Development meeting regarding the Breakdown of the 2013 Waste Budget and that staff enter into discussions to look at options regarding the contract for waste collection.

-Lost-

Moved by Councillor Taylor, seconded by Councillor Hill

THAT staff be directed to talk to the waste collection contractor to investigate cost savings through a change from weekly to bi-weekly pick-up in the rural areas.

-Carried-

Moved by Councillor Adams, seconded by Councillor MacIver

THAT the 2013 draft budget be referred back to the Committees for further discussion.

-Carried-

2. ADJOURNMENT

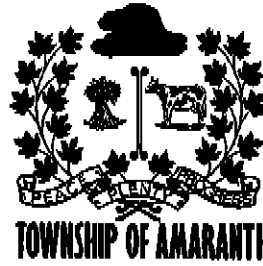
There being no further business the meeting adjourned at 7:56 p.m.

Respectfully submitted,

.....
Walter Kolodziechuk
Warden

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November 20, 2012

Honourable John Wilkinson - Minister
Ministry of the Environment
77 Wellesley Street West
11th Floor, Ferguson Block
Toronto, Ontario
M7A 2T5

Honourable John Wilkinson:

Re: Industrial Wind Turbines

At the regular meeting of the Township of Amaranth Council held November 7, 2012, the following resolution was set forth.

Resolution

Moved by J.Aultman - Seconded by B. Beslev

Whereas the Township of Amaranth requested that human and animal health studies and real estate studies be undertaken prior to wind turbine construction occurring in the Township in order to establish turbine-free baseline studies and these requests were rejected by the Province and the company and
Whereas the Provincial Medical Officer of Health has mistakenly assured the residents living near industrial wind farms that there is no health hazard and
Whereas the Township of Amaranth has repeatedly notified the Province and company of the health hazards of residents living near industrial wind farms and their transformers and
Whereas a peer-reviewed scientific study titled "Effects of Industrial Wind Turbine Noise on Sleep and Health" now clearly identifies the ill-health effects of people living within 1.4 km. of industrial wind farms, therefore
Be it resolved that the Province of Ontario issue an immediate order for industrial wind companies to cease and desist operation of any wind turbines within 1.4 km. of residential homes and farms. Carried.

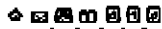
Yours truly,

Susan M. Stone, A.M.C.T.
CAO/Clerk-Treasurer
Township of Amaranth

SMS:cd
c: Ministry of Health - Ottawa & Toronto
Ministry of Energy
Premier of Ontario
MP David Tilson / MPP Sylvia Jones
Dufferin Municipalities
Orangeville Banner / Orangeville Citizen

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ARTICLE

Year : 2012 | Volume : 14 | Issue : 60 | Page : 237-243

Effects of industrial wind turbine noise on sleep and health

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Date of Web Publication 29-Oct-2012



Abstract

[Introduction](#)

[Methods](#)

[Results](#)

[Discussion](#)

[Conclusions](#)

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Abstract

Industrial wind turbines (IWTs) are a new source of noise in previously quiet rural environments. Environmental noise is a public health concern, of which sleep disruption is a major factor. To compare sleep and general health outcomes between participants living close to IWTs and those living further away from them, participants living between 375 and 1400 m (n = 38) and 3.3 and 6.6 km (n = 41) from IWTs were enrolled in a stratified cross-sectional study involving two rural sites. Validated questionnaires were used to collect information on sleep quality (Pittsburgh Sleep Quality Index - PSQI), daytime sleepiness (Epworth Sleepiness Score - ESS), and general health (SF36v2), together with psychiatric disorders, attitude, and demographics. Descriptive and multivariate analyses were performed to investigate the effect of the main exposure variable of interest (distance to the nearest IWT) on various health outcome measures. Participants living within 1.4 km of an IWT had worse sleep, were sleepier during the day, and had worse SF36 Mental Component Scores compared to those living further than 1.4 km away. Significant dose-response relationships between PSQI, ESS, SF36 Mental Component Score, and log-distance to the nearest IWT were identified after controlling for gender, age, and household clustering. The adverse event reports of sleep disturbance and ill health by those living close to IWTs are supported.

Keywords: Health, industrial wind turbines, noise, sleep

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Introduction

Environmental noise is emerging as one of the major public health concerns of the twenty-first century. [1] The drive to 'renewable', low-carbon energy sources, has resulted in Industrial Wind Turbines (IWTs) being sited closer to homes in traditionally quiet rural areas to reduce transmission losses and costs. Increasing numbers of complainants about sleep disturbance and adverse health effects have been documented, [1,2,3] while industry and government reviews have argued that the effects are trivial and that current guidance is adequate to protect the residents. [4,5] We undertook an epidemiological study to investigate the relationship between the reported adverse health effects and IWTs among residents of two rural communities.

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Methods

General study design

This investigation is a stratified cross-sectional study involving two sites: Mars Hill and Vinalhaven, Maine, USA. A questionnaire was offered to all residents meeting the participant-inclusion criteria and living within 1.5 km of an industrial wind turbine (IWT) and to a random sample of residents, meeting participant inclusion criteria, living 3 to 7 km from an IWT between March and July of 2010. The protocol was reviewed and approved by Institutional Review Board Services, of Aurora, Ontario, Canada.

Questionnaire development

Adverse event reports were reviewed, together with the results of a smaller pilot survey of Mars Hill residents. A questionnaire was developed, which comprised of validated instruments relating to mental and physical health (SF-36v2) [1] and sleep disturbance (Pittsburgh Sleep Quality Index (PSQI) [2] and the Epworth Sleepiness Scale (ESS) [3]). In addition, participants were asked before-and-after IWT questions about sleep quality and insomnia, attitude toward IWTs, and psychiatric disorders. A PSQI score > 5 was taken to indicate poor sleep and an ESS score > 10 was taken to indicate clinically relevant daytime sleepiness. [1][2][3] Responses to functional and attitudinal questions were graded on a five-point Likert scale with 1 representing the least effect and 5 the greatest. The questionnaire is available on request.

Study sites and participant selection

The Mars Hill site is a linear arrangement of 28 General Electric 1.5 megawatt turbines, sited on a ridgeline. The Vinalhaven site is a cluster of three similar turbines sited on a low-lying, tree-covered island. All residents living within 1.5 km of an IWT, at each site, were identified via tax maps, and approached either door-to-door or via telephone and asked to participate in the study (near group). Homes were visited thrice or until contact was made. Those below the age of 18 or with a diagnosed cognitive disorder were excluded. A random sample of households in similar socioeconomic areas, 3 to 7 km away from IWTs at each site, were chosen to participate in the study to allow for comparison (far group). The households were approached sequentially until a similar number of participants were enrolled. A nurse practitioner supervised the distribution and ensured completion of the questionnaires.

Simultaneous collection of sound levels during data collection at the participants' residences was not possible, but measured IWT sound levels at various distances, at both sites, were obtained from publically available sources. At the Mars Hill site, a four quarter study was conducted and data from all four seasons were reported by power outputs at several key measurement points. The measurement points were located on or near residential parcels. The predicted and measured levels at full power were derived from figures in the Sound Level Study, Compilation of Ambient and Quarterly Operations Sound Testing, and the Maine Department of Environmental Protection Order No. L-21635-26-A-N. Measured noise levels versus distance at Vinalhaven were taken over a single day in February 2010, with the turbines operating at less than full power in moderate-to-variable northwest winds aloft (R and R, personal communication, 2011). [Table 1] shows the estimated and measured noise levels at locations of varying distances and directions from the turbines at Mars Hill and Vinalhaven.

Table 1: Measured and predicted noise levels at Mars Hill and Vinalhaven

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Data handling and validation

The Principal Investigator (Michael Nissenbaum, MD) did not handle data at any point in the collection or analysis phase. Questionnaire results were coded and entered into a spreadsheet (Microsoft Excel 2007). Each questionnaire generated over 200 data elements. The distance from each participant's residence to the nearest IWT was measured using satellite maps. The SF36-V2 responses were processed using Quality Metric Health Outcomes™ Scoring Software 3.0 to generate Mental (MCS) and Physical (PCS) Component Scores.

Data quality of the SF36-V2 responses was determined using QualityMetric Health Outcomes™ Scoring Software 3.0. All SF36-V2 data quality indicators (completeness, response range, consistency, estimable scale scores, internal consistency, discriminant validity, and reliable scales) exceeded the parameter norms. SF 36-V2 missing values were automatically accommodated by the scoring systems (99.9% questions were completed). No missing values were present for other parameters (ESS, PSQI, psychiatric and attitudinal observations, and demographics).

Statistical analysis

All analyses were performed using SAS 9.22. [10] Descriptive and multivariate analyses were performed to investigate the effect of the main exposure variable of interest (distance to the nearest IWT) on the various outcome measures. Independent variables assessed included the following: Site (Mars Hill, Vinalhaven); Distance to IWT (both as a categorical and continuous variable); Age (continuous variable); Gender (categorical variable). The dependent variables assessed included the following: Summary variables - Epworth Sleepiness Scale (ESS), Pittsburgh Sleep Quality Index (PSQI), SF36-V2 Mental Component Score (MCS), SF36-V2 Physical Component Score (PCS); Before and after parameters - sleep, psychiatric disorders (both self-assessed and diagnosed by a physician), attitude toward IWTs; and Medication use (both over-the-counter and prescription drugs). A P value of < 0.05 was regarded as being statistically significant.

Results

Study participants

Thirty-three and 32 adults were identified as living within 1500 m of the nearest IWT at the Mars Hill (mean 805 m, range 390 - 1400) and Vinalhaven sites (mean 771 m range 375 - 1000), respectively. Twenty-three and 15 adults at the Mars Hill and Vinalhaven sites respectively, completed the questionnaires. Recruitment of participants into the far group continued until there were similar numbers as in the near group, 25 and 16 for Mars Hill and Vinalhaven, respectively [Table 2].

	Near	Far
Age (mean)	47	47
Gender (M/F)	18/15	13/12
Occupation (Agriculture/Other)	12/21	10/15
Duration of residence (years)	11	11

Table 2: Demographic data of Mars Hill and Vinalhaven study participants

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Statistical results

The binomial outcomes were assessed using either the GENMOD procedure with binomial distribution and a logit link; or when cell frequencies were small (< 5), Fisher's Exact Test. When assessing the significance between variables with a simple score outcome (e.g., 1 - 5), the exact Wilcoxon Score (Rank Sums) test was employed using the NPAR1WAY procedure. Continuous outcome variables were assessed using the GENMOD procedure with normal distribution. When using the GENMOD procedure, age, gender, and site were forced into the model as fixed effects. The potential effect of household clustering on statistical significance was accommodated by using the REPEATED statement. Effect of site as an effect modifier was assessed by evaluating the interaction term (Site*Distance).

Participants living near IWTs had worse sleep, as evidenced by significantly greater mean PSQI and ESS scores [Table 3]. More participants in the near group had PSQI > 5 ($P = 0.0745$) and ESS scores > 10 ($P = 0.1313$), but the differences did not reach statistical significance. Participants living near IWTs were significantly more likely to report an improvement in sleep quality when sleeping away from home.

	Near	Far
PSQI (mean)	7.5	6.5
ESS (mean)	12	10
Improvement in sleep quality (Yes/No)	15/18	10/15

Table 3: Sleep and mental health outcomes of the study participants grouped by distance from the nearest IWT

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The near group had worse mental health as evidenced by significantly higher mean SF36 MCS ($P = 0.0021$) [Table 3]. There was no statistically significant difference in PCS ($P = 0.9881$). Nine participants in the near group reported that they had been diagnosed with either depression or anxiety since the start of turbine operations, compared to none in the far group. Nine of the 38 participants in the near group reported that they had been prescribed new psychotropic medications since the start of turbine operations compared with three of 41 in the far group ($P = 0.06$).

The ESS, PSQI, and SF36 scores were modeled against distance from the nearest IWT (Score = $\ln(\text{distance}) + \text{gender} + \text{age} + \text{site}$ [controlled for household clustering]), and the results are shown in [Figure 1], [Figure 2] and [Figure 3]. In all cases, there were clear and significant dose-response relationships ($P < 0.05$), with the effect diminishing with increasing log-distance from IWTs. Log-distance fit the health outcomes better than distance. This was expected given that noise drops off as the log of distance. Measured sound levels were plotted against distance at the two sites on [Figure 1], [Figure 2] and [Figure 3].

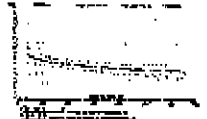


Figure 1: Modeled Pittsburgh Sleep Quality Index (PSQI) versus distance to nearest IWT (mean and 95% confidence limits) Regression equation: $PSQI = \ln(\text{distance}) + \text{sex} + \text{age} + \text{site}$ (controlled for household clustering). $\ln(\text{distance})$ p-value = 0.0198

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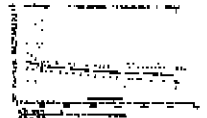


Figure 2: Modeled Epworth Sleepiness Scale (ESS) versus Distance to nearest IWT (mean and 95% confidence limits) Regression equation: $ESS = \ln(\text{distance}) + \text{sex} + \text{age} + \text{site}$ (controlled for household clustering). $\ln(\text{distance})$ p-value = 0.0331

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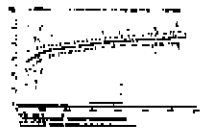


Figure 3: Modeled SF36 Mental Component Score (MCS) versus Distance to nearest IWT (mean and 95% confidence limits) Regression equation: $MCS = \ln(\text{distance}) + \text{sex} + \text{age} + \text{site}$ (controlled for household clustering). $\ln(\text{distance})$ p-value = 0.0014

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There were no statistically significant differences between the near and far groups with respect to age, gender, or duration of occupation. In addition, Site, and Site*Distance were not significant, indicating that the modeled exposure-outcome relationships were similar across both sites.

Discussion

This study supports the conclusions of previous studies, which demonstrate a relationship between proximity to IWTs and

the general adverse effect of 'annoyance',⁽¹¹⁾⁽¹²⁾⁽¹³⁾ but differs in demonstrating clear dose-response relationships in important clinical indicators of health including sleep quality, daytime sleepiness, and mental health. The levels of sleep disruption and the daytime consequences of increased sleepiness, together with the impairment of mental health and the dose-response relationships observed in this study (distance from IWT vs. effect) strongly suggest that the noise from IWTs results in similar health impacts as other causes of excessive environmental noise.¹

The degree of effect on sleep and health from IWT noise seems to be greater than that of other sources of environmental noise, such as, road, rail, and aircraft noise. Bray and James have argued that the commonly used noise metric of LAeq (averaged noise level adjusted to human hearing) is not appropriate for IWT noise, which contains relatively high levels of low frequency sound (LFN) and infrasound with impulsive characteristics.⁽¹⁴⁾ This has led to an underestimation of the potential for adverse health effects of IWTs.

Potential biases

Reporting and selection biases in this study, if they existed, may have underestimated the strength of the association between distance to IWTs and health outcomes. Both Mars Hill and Vinalhaven residents gain financially from the wind projects, either through reduced electricity costs and / or increased tax revenues. The fear of reducing property values was also cited as a reason for downplaying the adverse health effects. Conversely, the possibility of legal action could result in symptoms being over stated. It was clear to the respondents that the questionnaire was directed at investigating adverse health effects potentially associated with IWT noise and no distractor questions were included. Nevertheless, given the large differences in reported adverse health effects between participants living within 1400 m and those living beyond 3300 m of an IWT, we do not believe that bias alone could have resulted in the differences demonstrated between the groups. In addition, the finding of strong dose-response relationships with log-distance, together with extensive sub-analyses using survey questions more and less likely to be influenced by bias demonstrating similar results, further support the existence of causative associations.

Visual impact and attitude are known to affect the psychological response to environmental noise.⁽¹¹⁾⁽¹³⁾⁽¹⁶⁾ At both sites, turbines are prominent features of the landscape and were visible to a majority of respondents; at Mars Hill, IWTs are sited along a 200 m high ridge, and Vinalhaven is a flat island. The visual impact on those living closest to turbines was arguably greater than on those living some distance away. Most residents welcomed the installation of IWTs for their proposed financial benefits and their attitudes only changed once they began to operate and the noise and health effects became apparent. Pedersen estimates that, with respect to annoyance, 41% of the observed effects of IWT noise could be attributed to attitude and visual impact.⁽¹⁴⁾ The influence of these factors on other consequences, such as the health effects investigated in this study, remains to be determined. Even as these factors may have contributed to the reported effects, they are clearly not the sole mechanism and health effects are certain.

Mechanisms

A possible mechanism for the observed health effects is an effect on sleep from the noise emitted by IWTs. Industrial wind turbines emit high levels of noise with a major low frequency component. The noise is impulsive in nature and variously described as 'swooshing' or 'thumping'.⁽¹²⁾ The character, volume, and frequency of the noise vary with changes in wind speed and direction. Industrial wind turbine noise is more annoying than road, rail, and aircraft noise, for the same sound pressure, presumably due to its impulsive character.⁽¹²⁾⁽¹³⁾ Pedersen concludes that it is noise that prevents restoration, that those subjected to it are unable to find psychological recovery in their homes because of its intrusive nature.⁽¹⁵⁾ Noise can affect sleep by preventing sleep onset or return to sleep following spontaneous or induced awakening. Clearly, attitude and psychological factors such as noise sensitivity may be important in influencing the ability to fall asleep, but it should be noted that noise sensitivity is, in part, heritable.⁽¹²⁾ Noise also affects sleep by inducing arousals, which fragment sleep, reducing its quality and leading to the same consequences as sleep deprivation.⁽¹³⁾ There is good evidence that road, rail, and aircraft noise induce arousals and lead to daytime consequences and there is no reason to suppose that IWT noise will not have a similar effect.⁽¹²⁾⁽²⁰⁾⁽²¹⁾⁽²³⁾⁽²³⁾ A recent study on the likelihood of different hospital noises that induce an arousal shows a considerable effect of sound character, with impulsive noises being more likely to induce an arousal.⁽²⁴⁾ It has also been shown that there is individual variability in the likelihood of an arousal in response to noise, which may be predicted from a spindle index, a measure of sleep quality.⁽²⁵⁾

ESS assesses daytime sleepiness from the self-assessed propensity to fall asleep in different situations averaged over several weeks.⁽²⁾ It is widely used in sleep medicine to assess daytime sleepiness, and scores in excess of 10 are deemed to represent clinically relevant excessive daytime sleepiness. If sleep is only disrupted occasionally, the ESS will not be affected, as the sleep deficit can be compensated on other nights. Changes in the ESS score observed in this study imply that sleep has been disrupted to a degree where compensation is not possible in at least some participants. PSQI also examines the sleep quality averaged over a period of weeks, scores in excess of 5 are deemed to represent poor quality sleep.⁽²⁾ An individual's score will not be significantly affected by occasional disrupted nights; thus confirming the conclusions drawn from the ESS data. It is noteworthy also that significant changes in ESS and PSQI have been observed, despite the scatter in values indicative of the typical levels of impaired sleep found in the general population.⁽⁸⁾⁽⁹⁾

Other mechanisms than sleep disruption cannot be excluded as an explanation for the psychological and other changes observed. Low frequency noise, and in particular, impulsive LFN, has been shown to be contributory to the symptoms of 'Sick Building Syndrome,' which has similarities with those reported here.⁽²⁶⁾⁽²⁷⁾ Salt has recently proposed a mechanism, whereby, infrasound from IWTs could affect the cochlear and cause many of the symptoms described.⁽²⁸⁾

We assessed causality using a well-accepted framework.⁽²⁹⁾ Although the measured parameters (ESS, PSQI, and SF36) assess the current status, the evidence of the respondents is that the reported changes have followed the commencement of IWT operation. This is supported by the reported preferences of the residents; the great majority of those living within 1.4 km expressed their desire to move away as a result of the start of turbine operations. However, a study of the same population before and after turbine operation will be necessary to confirm our supposition. We believe that there is good evidence that a time sequence has been established. The association between distance to IWT and health outcome is both statistically significant and clinically relevant for the health outcomes assessed, suggesting a specific association between the

factors. Given that this is the first study investigating the association between IWTs and a range of health outcomes, the consistency and replication to prove causation is limited. However, this study includes two different study populations living next to two different IWT projects. Despite these differences, the study site was not a significant effect modifier among any of the measured outcomes. In addition, adverse health effects similar to those identified in this study among those living near IWTs, have been documented in a number of case-series studies and surveys. [11][12] Finally, causal association can be judged by its coherence with other known facts about the health outcomes and the causal factor under study. The results of this study are consistent with the known effects of other sources of environmental noise on sleep.

The data on measured and estimated noise levels were not adequate to construct a dose-response curve and to determine an external noise level below which sleep disturbance will not occur. However, it is apparent that this value will be less than an average hourly LAeq of 40 dBA, which is the typical night time value permitted under the current guidance in most jurisdictions.

Conclusions

We conclude that the noise emissions of IWTs disturbed the sleep and caused daytime sleepiness and impaired mental health in residents living within 1.4 km of the two IWT installations studied. Industrial wind turbine noise is a further source of environmental noise, with the potential to harm human health. Current regulations seem to be insufficient to adequately protect the human population living close to IWTs. Our research suggests that adverse effects are observed at distances even beyond 1 km. Further research is needed to determine at what distances risks become negligible, as well as to better estimate the portion of the population suffering from adverse effects at a given distance.

Acknowledgments

We thank Dr. Carl Phillips, Rick James, INCE and Robert Rand, INCE for their review of the manuscript.

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□

Correspondence Address:

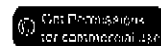
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USA

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Figures

[\[Figure 1\]](#), [\[Figure 2\]](#), [\[Figure 3\]](#)

Tables

[\[Table 1\]](#), [\[Table 2\]](#), [\[Table 3\]](#)

CORPORATION OF THE COUNTY OF DUFFERIN

BY-LAW 2012-40

A BY-LAW TO AMEND BY-LAW 2012-08, FEES AND CHARGES FOR SERVICES AND ACTIVITIES PROVIDED BY THE COUNTY OF DUFFERIN. (Waste Services and Jean Hamlyn Daycare Fees - Schedule "C" and Schedule "E")

WHEREAS the *Municipal Act, 2001, S.O. 2001, c. 25, S. 391* provides that municipalities may pass by-laws imposing fees or charges on any class of persons.

NOW THEREFORE the Council of the Corporation of the County of Dufferin enacts as follows:

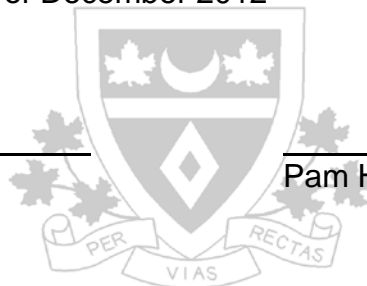
1. That Schedule "C" be amended to include the following:

Waste Services Fees		
	Bag Tag	\$2.00 per tag
	Sale of Bag Tags to Vendors	\$1.90 each
	Additional Blue Box	\$5.00 each
	Additional Green Bin	\$15.00 each
	Additional Kitchen Catcher	\$5.00 each
	Backyard Composter	\$30.00 each
	Bulky Item Collection	\$20.00 per collection
	White Good Collection	\$20.00 per item, plus \$30.00 per item if Freon needs to be removed

2. That Schedule "E" be deleted and replaced with Schedule "E" attached hereto.
3. This by-law shall come into full force and effect on the 1st day of January, 2013.

READ a first, second and third time and finally passed this 13th day of December 2012

, Warden



Pam Hillock, Clerk

SCHEDULE "E" TO BY-LAW 2012-08

COMMUNITY SERVICES DEPARTMENT

UNIT/DIVISION	SERVICE DESCRIPTION	FEE	
HOUSING	Rent	In accordance with legislation	
	Laundry (coin operated)	\$1.00 and \$1.25 per cycle	
	Damages (repairs/reimbursement)	Cost (pro-rated)	
	Keys	\$10.00 - Entrance \$7.00 - Apartment	
EARLY YEARS	Family Membership - Toy Library	\$25.00	
	Caregiver Membership - Toy Library	\$30.00	
	Lost/Broken Toys – Toy Library	\$10.00 maximum	
	Overdue Charge – Toy Library	\$5.00 maximum	
	Trip Charge	Cost Recovery	
	Respite Care	\$5.00 per family maximum	
JEAN HAMLYN DAY CARE	Full Day (Pre-School/Kindergarten, School Age) per day	\$41.00	\$45.10*
		(Part time)	(Part time)
		\$38.00	\$41.80*
		(Full time)	(Full time)
	Before School	\$10.00	\$11.00*
	After School	\$14.00	\$15.40*
Before and After School Program	\$17.00	\$18.70*	
	PA Days	\$38.00	\$41.80*
GENERAL	Meeting Room Rental – Full Day	\$90.00 plus H.S.T	
	Meeting Room Rental - ½ Day	\$50.00 plus H.S.T	
	<p>The use of training room is restricted to use by Non-Profit, Government Agencies or Business entities co-ordinating programming in the County of Dufferin.</p> <p>Agencies that are co-ordinating programming within the County of Dufferin and undertake activities that support core services may have the use of the meeting rooms at no charge.</p>		

* Effective fee as of February 1, 2013.

CORPORATION OF THE COUNTY OF DUFFERIN

BY-LAW NUMBER 2012-41

A BY-LAW TO APPROVE AN AMENDMENT TO THE MEMORANDUM OF UNDERSTANDING BETWEEN THE CORPORATION OF THE COUNTY OF DUFFERIN AND CCI-DEEP INC. (Option Agreement for a lease at the Dufferin Eco Energy Park)

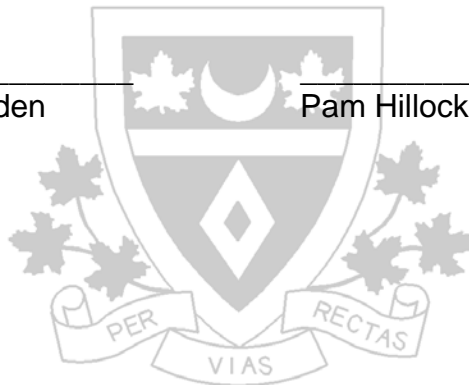
BE IT ENACTED BY THE MUNICIPAL COUNCIL OF THE CORPORATION OF THE COUNTY OF DUFFERIN AS FOLLOWS;

1. That the amendment to the memorandum of understanding between the Corporation of the County of Dufferin and CCI-DEEP INC. dated December 13, 2012 in a form substantially the same as attached hereto as Schedule "A" be approved.
2. That the Warden and Clerk be hereby authorized to execute the agreement and affix the corporate seal thereto.
3. That the staff of the County of Dufferin is hereby authorized to take such actions as are appropriate and the Warden and Clerk are hereby authorized to execute such documents as are appropriate to implement the agreement referred to herein.

READ a first, second and third time and finally passed this 13th day of December 2012.

, Warden

Pam Hillock, Clerk



AMENDMENT

THIS AMENDMENT, effective as of December 13, 2012, is made between **CCI-DEEP INC.** (“Company”) and **Corporation of the County of Dufferin** (“Dufferin”).

WHEREAS the parties have entered into a Memorandum of Understanding dated June 23, 2011 (the "**Agreement**") together which set forth the terms pursuant to an Option Agreement for a lease at the Dufferin Eco Energy Park;

AND WHEREAS the parties have agreed to amend certain dates of the Agreement;

NOW THEREFORE in consideration of the premises and the mutual covenants and agreements hereinafter set forth, the parties agree as follows:

1. Paragraph 2 – Option Period of the Agreement is amended by changing “(the “Effective Date”) until December 31, 2012” to “(the “Effective Date”) until June 30, 2013”.

IN WITNESS WHEREOF the parties have executed and delivered this Amendment effective as of the 13th day, of December, 2012.

CCI-DEEP INC.

Per: _____
Name: Kevin Matthews
Title: President

Corporation of the County of Dufferin

Per: _____
Name: _____
Title: Warden

Per: _____
Name: Pam Hillock
Title: Clerk

CORPORATION OF THE COUNTY OF DUFFERIN

BY-LAW NUMBER 2012-42

**A BY-LAW TO RATIFY THE ACTIONS OF THE WARDEN AND CLERK
EXECUTING AN AGREEMENT BETWEEN THE CORPORATION OF THE
COUNTY OF DUFFERIN AND HER MAJESTY THE QUEEN IN RIGHT OF
ONTARIO AS REPRESENTED BY THE MINISTER OF MUNICIPAL AFFAIRS
AND HOUSING
(Community Homelessness Prevention Initiative)**

BE IT ENACTED BY THE MUNICIPAL COUNCIL OF THE CORPORATION OF THE COUNTY OF DUFFERIN AS FOLLOWS:

1. That the Agreement between the County of Dufferin and Her Majesty the Queen in Right of Ontario as represented by The Minister of Municipal Affairs and Housing, in a form substantially the same as attached hereto as Schedule "A" be approved.
2. That the staff of the County of Dufferin is hereby authorized to take such actions as are appropriate, and the Warden and Clerk are hereby authorized to execute such documents as are appropriate to implement the agreement referred to herein.

READ a first, second and third time and
finally passed this 13th day of December, 2012

, Warden

Pam Hillock, Clerk



SERVICE MANAGER SERVICE AGREEMENT

Community Homelessness Prevention Initiative

BETWEEN:

Available for
Review in
Clerk's Dept.

HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO

AS REPRESENTED BY

THE MINISTER OF MUNICIPAL AFFAIRS AND HOUSING

(hereinafter called the "Minister")

- and -

CORPORATION OF THE COUNTY OF DUFFERIN

(hereinafter called the "Service Manager")

RECITALS:

- A. The Minister is responsible for the policies and programs of the Government of Ontario in relation to housing and related matters, pursuant to s. 4(1)(c) of the *Ministry of Municipal Affairs and Housing Act*, R.S.O. 1990, c. M-30 ("MMAH Act").
- B. The Minister has the authority under s. 4(2) of the MMAH Act to enter into agreements with any municipality or any other person in order to implement housing policies and programs.
- C. The Minister has the authority under s. 4(5)(b) of the MMAH Act to provide financial assistance to assist in the implementation of housing policies and programs.
- D. The Minister has announced it will provide provincial funding to Service Managers to address housing and homelessness in Ontario by improving access to adequate, suitable and affordable housing that is linked to flexible support services.
- E. The Minister has established the Community Homelessness Prevention Initiative ("**CHPI**") pursuant to which the Minister will provide Service Managers provincial funds as per said announcement.
- F. CHPI consolidates five provincial homelessness-related programs currently administered by either the Ministry of Community and Social Services ("**MCSS**") or the Ministry of Municipal Affairs and Housing ("**MMAH**"): Consolidated Homelessness Prevention Program; Emergency Energy Fund; Emergency Hostel Services; Domiciliary Hostel Program; and, Provincial Rent Bank ("**Consolidated Programs**").

CORPORATION OF THE COUNTY OF DUFFERIN

BY-LAW NUMBER 2012-43

A BY-LAW TO CONFIRM THE PROCEEDINGS OF THE COUNCIL OF THE CORPORATION OF THE COUNTY OF DUFFERIN AT ITS MEETING HELD ON DECEMBER 13, 2012

WHEREAS Section 5 (1) of the *Municipal Act, 2001*, as amended, provides that the powers of a municipality shall be exercised by its Council;

AND WHEREAS Section 5 (3) of the *Municipal Act, 2001*, as amended, provides that municipal powers shall be exercised by by-law;

NOW THEREFORE BE IT ENACTED BY THE MUNICIPAL COUNCIL OF THE CORPORATION OF THE COUNTY OF DUFFERIN ENACTS AS FOLLOWS:

1. All actions of the Council of the Corporation of the County of Dufferin at its meeting held on December 13, 2012 in respect to every report, motion, by-law, or other action passed and taken by the Council, including the exercise of natural person powers, are hereby adopted, ratified and confirmed as if each report, motion, resolution or other action was adopted, ratified and confirmed by its separate by-law.
2. The Warden of the Council and the proper officers of the Corporation of the County of Dufferin are hereby authorized and directed to do all things necessary to give effect to the said action, to obtain approvals where required and except where otherwise provided, to execute all documents necessary in that behalf.

READ a first, second and third time and finally passed this 13th day of December, 2012.

, Warden

Pam Hillock, Clerk

