

**Minutes Of An Amherstburg Municipal Council Meeting Held  
On Monday, January 25, 2010 At 7:00 P.M.**

**PRESENT:**

Mayor Wayne Hurst  
Councillor Rick Fryer  
Councillor Robert (Bob) Pillon  
Councillor William (Bill) Wark  
Councillor John Sutton

**ALSO PRESENT:**

Pamela Malott, Chief Administrative Officer  
Brenda Percy, Manager of Council & Leg. Services/Clerk  
Carol Bendo, Human Resources Manager  
Paul Beneteau, Treasurer  
Lory Bratt, Planning Co-ordinator  
Stephen Brown, CBO  
David Carpenter, IT Manager  
Ron Dzombak, Manager of Recreational Services  
Ivano Fregonese, Supervisor of Budget Services  
Anne Rota, Tourism Officer  
Lou Zarlenga, Public Works Manager

**ABSENT WITH NOTICE:** Deputy Mayor Robert Bailey (Vacation)  
Councillor Rosa White (Bereavement)

**CALL TO ORDER**

Mayor Wayne Hurst called the meeting to order at 7:00 P.M.

**PRAYER**

Manager of Council and Legislative Services/Clerk, Brenda Percy, will say prayer.

**DISCLOSURE OF PECUNIARY INTEREST**

No disclosures of pecuniary interest were made.

## **MINUTES OF PREVIOUS MEETING**

Moved by Councillor Sutton  
Seconded by Councillor Pillon

That the minutes of the following Amherstburg Municipal Council meetings be adopted as circulated:

1. In-Camera Meeting held on January 11, 2010 at 4:45 PM;
2. Special Public Meeting regarding a ZBA for Former General Chemical Lands held on January 11, 2010 at 5:30 PM;
3. Regular Public Meeting held on January 11, 2010 at 7:00 PM;
4. Special In-Camera Meeting regarding Arena Decommissioning and ARC Operations held on January 12, 2010 at 11:00 AM and
5. Special Public Meeting regarding ARC Change Order held on January 12, 2010 at 3:50 PM.

### **Motion Carried**

## **DELEGATIONS**

### **Delegation #1**

Mr. Ken Schmidt, ERCA General Manager addressed Council and introduced the ERCA Incoming General Manager / Secretary, Treasurer Mr. Richard Wyma.

Moved by Councillor Sutton  
Seconded by Councillor Fryer

That the delegation by Mr. Schmidt be received;

And further that Council welcome Mr. Wyma to his new role as ERCA General Manager / Secretary, Treasurer.

### **Motion Carried**

### **Delegation # 2**

Mr. Tom Kelly will address Council regarding a request to designate the Amherstburg Old Timer Hockey Tournament as a Community Event.

Moved by Councillor Pillon  
Seconded by Councillor Fryer

That the delegation by Mr. Kelly be received;

And further that Council designate the Amherstburg Old Timer Hockey Tournament a  
Community Event.

**Motion Carried**

**Delegation # 3**

Mr. Mick MacCorquodale addressed Council regarding Wind Turbines.

Moved by Councillor Pillon  
Seconded by Councillor Sutton

That Report # 8 be brought forward for discussion.

**Motion Carried**

Moved by Councillor Fryer  
Seconded by Councillor Pillon

That the delegation by Mr. MacCorquodale be received.

**Motion Carried**

Moved by Councillor Fryer  
Seconded by Councillor Sutton

That Administrative Report # 8 be deferred to the February 8, 2010 meeting of Council.

**Motion Carried**

**Discussion:**

Councillor Pillon asked if there would be a public meeting for the official plan amendment.

Councillor Sutton noted that there a number of questions remain unanswered by the MOE. There needs to be clear information and direction as to what setbacks apply to this project. What does the passing of Bill 150 mean in terms of municipal approvals and provincial approvals. More specifically what is the municipal authority and what is the provincial authority. Councillor Sutton also felt that an overall health study needs to be done that could be used by both sides (those who support wind farms and those opposed to wind farms).

Councillor Wark echoed Councillor Sutton's concerns and asked if the project fell under the Green Energy Act. He also asked if Administration has contacted the MOE for its clarification as to which legislation applies.

Councillor Fryer commented on the public's needs to have answers.

The Mayor felt that it is important that the Ministry relay information with regard to health issues, if any.

## **PRESENTATIONS**

### **Presentation # 1**

Anne Rota, Tourism Officer, made a presentation to Council regarding the War of 1812 Bi Centennial.

### **Report # 1 was moved forward after Presentation # 1**

A report by Carol Bendo regarding the War of 1812 Bi Centennial 3 year Strategic Plan.

Moved by Councillor Sutton  
Seconded by Councillor Wark

That the presentation by Anne Rota be received;

That the report by Carol Bendo dated January 15, 2010 regarding the War of 1812 Bi Centennial 3 year Strategic Plan be received;

And further that Council approve the attached planning schedule.

**Motion Carried**

## **REPORTS OF MUNICIPAL OFFICERS**

### **Report #2**

A report by Pamela Malott and Lou Zarlenga regarding the Community Adjustment Fund Intake 2 Applications.

Moved by Councillor Pillon  
Seconded by Councillor Fryer

That the report by Pamela Malott and Lou Zarlenga dated January 19, 2010 regarding the Community Adjustment Fund Intake 2 Applications be received;

And further that in keeping with the Town's Strategic Plan and Economic Development Plan, Council confirms moving forward with the applications for the following projects:

1. Community Centre Farm Market (Rural Heritage Site at 7860 County Road 20)
2. Industrial Enhancement Program
3. Texas Road Reconstruction

### **Motion Carried**

### **Report # 3**

A report by Pamela Malott and Ron Dzombak dated January 20, 2010 regarding the French Language School Options.

Moved by Councillor Fryer  
Seconded by Councillor Pillon

That Council receive the report by Pamela Malott, Chief Administrative Officer and Ron Dzombak, Manager of Recreation Services, dated January 20, 2010 regarding the French Language School Options for the Town owned property known as the former French Language School located at 219 Brock St. Amherstburg be received;

That Council approve immediately securing an 'Appraisal' on the property;

And further that Council approve proceeding to Option # 1 "Sale as Is' after providing necessary public notice required for disposition of the property and declaring the property as surplus to the needs of the Municipality.

### **Motion Carried**

**Report #4**

A report by Pamela Malott regarding the Lease with TELUS Mobility.

Moved by Councillor Sutton  
Seconded by Councillor Wark

That the report by Pamela Malott dated January 19, 2010 regarding the Lease with TELUS Mobility be received;

That Council authorize The Town of Amherstburg to enter into a lease with TELUS Mobility for property at Malden Centre for a 10 year term with an automatic option for an additional 10 years;

That **By-law 2010-11** being a By-law Authorizing the execution of a Lease Agreement between the Corporation of the Town of Amherstburg and TELUS Mobility be taken as having been read a first, second, and third time, be finally passed and the Mayor and Clerk be authorized to sign same and affix the corporate seal thereto;

That Treasury be provided copies of the Lease for annual payment follow-up.

And further that notice of the erection of the tower be sent to local residents

**Motion Carried**

**Discussion:**

Councillor Fryer questioned if the residents surrounding the area have been informed of the erection of the tower. He felt that residents should be notified so that any concerns may be addressed.

Councillor Pillon noted that water barrels located on this property.

**Report #5**

A report by Pamela Malott regarding the Execution of an Agreement for the Kingsbridge Subdivision Road.

Moved by Councillor Fryer  
Seconded by Councillor Pillon

That Council receive the Report from Pamela Malott concerning the Execution of an Agreement with 1078217 Ontario Limited, Flynn Development Limited, and 1027579 Ontario Limited for the Kingsbridge Subdivision road;

That Council approve the execution of the Agreement and Debenture;

That **Bylaw 2010-12** being a By-law authorizing the Agreement between the Corporation of the Town of Amherstburg and 1078217 Ontario Limited, Flynn Development Limited, and 1027579 Ontario Limited for Kingsbridge Subdivision Temporary Road Construction and Debenture be given three readings and be finally passed;

And further that Treasury be provided copies of the Agreement and Debenture for annual payment follow-up.

**Motion Carried**

**Report #6**

A report by Ron Dzombak dated January 20, 2010 regarding the Non-Approval to waive user fee for Cultural Centre use.

Moved by Councillor Sutton  
Seconded by Councillor Pillon

That Council receive the report by Ron Dzombak, Manager of Recreation Services, dated January 20, 2010 regarding the Non-Approval to waive user fee for Cultural Centre Use;

And further that Mayor and Council not approve the waiving of rental fee for the use of the Victoria Street Cultural Centre as requested by the Cat Assistance Team (C.A.T.).

**Motion Carried**

**Discussion:**

Councillor Wark commented on the public service this group provides through its work.

**Report # 7**

A report by Jackie Hubbs regarding 73 Rankin Avenue, Notice of Intent to Designate

Moved by Councillor Sutton  
Seconded by Councillor Wark

That Council receive the report by Jackie Hubbs, Manager of Development Services, dated January 11, 2010 regarding the Notice of Intent to Designate 73 Rankin Avenue, Amherstburg, also known as the Captain Allen House;

And further that Council direct administration to prepare a "Notice of Intent to Designate" for property known as 73 Rankin Avenue, as being of historical and architectural value or interest under Part IV of the Ontario Heritage Act, R.S.O. 1990, c.O.18.

Discussion:

Councillor Fryer commented on having the history of the house together with the designation on the Town website for public information.

**Report # 8**

A report by Jackie Hubbs dated January 19, 2010 regarding the status of the GenGrowth wind mill project under South Side Wind Farms.

*As discussed previously. Deferred to February 8, 2010.*

**Report # 9**

A report by Lou Zarlenga regarding the 2010 Special Events Banner Schedule.

Moved by Councillor Pillon  
Seconded by Councillor Fryer

That the report from Lou Zarlenga dated January 18, 2010 regarding the Special Events Banner Schedule for 2010 be received;

And further that Council approve the 2010 Special Events Banner Schedule.

**Motion Carried**

**Report # 10**

A report by Lou Zarlenga regarding the tender results for the Long Marsh Drain Maintenance.



Moved by Councillor Sutton  
Seconded by Councillor Pillon

That Council accept the report from Lou Zarlenga regarding the tender results for the Long Marsh Drain Maintenance;

And further that Council accept the administration's recommendation to award the contract to the lowest tenderer, being D&D Excavating.

**Motion Carried**

**Report # 11**

A report by Carol Bendo dated January 16, 2010 regarding a plaque in memory of Councillor Rose Kelly.

Moved by Councillor Fryer  
Seconded by Councillor Wark

That the report by Carol Bendo dated January 16, 2010 regarding a plaque in memory of Councillor Rose Kelly be received;

And further that Council approve the installation of the plaque at the Kings Navy Yard Parkette fountain.

**Motion Carried**

**CONSENT REPORTS**

Moved by Councillor Pillon  
Seconded by Councillor Sutton

That the following reports be received:

1. A report by Treasurer Paul Beneteau, dated January 8, 2010 regarding the 2010 Lakeshore Dog Pound Budget;
2. A report by Pamela Malott, Paul Beneteau and Ivano Fregonese, dated January 19, 2010 regarding the 2009 3rd Quarter actuals.

**Motion Carried**

### **CONSENT CORRESPONDENCE**

Moved by Councillor Fryer  
Seconded by Councillor Sutton

That the following correspondence be received:

1. OGRA/ROMA 2010 Conference - Ministry of Municipal Affairs and Housing - January 8, 2010;
2. Membership Renewal - Ontario Municipal Water Association - January 1, 2010;
3. OMERS Plan - MEPCO-January 11, 2010;
4. AMO Membership Fee Increase - AMO - January 11, 2010;
5. ADIP, Upcoming Drainage Courses and Tile Loan Program - Ministry of Agriculture, Food and Rural Affairs - January 5, 2010;
6. Report of 2010-2011 Nominating Committee - Ontario Good Roads Association - January 2010;
7. Resignation by Minister of Municipal Affairs and Housing - Minister Jim Watson - January 15, 2010 and
8. Notice of Public Meeting to Consider Amendment to Town of Essex Official Plan - Town of Essex - January 20, 2010.

**Motion Carried**

### **CONSENT BUSINESS LICENSES**

Moved by Councillor Sutton  
Seconded by Councillor Pillon

That the following business license applications be received and approved subject to compliance with By-Law 2009-44, all agencies and regulations;

1. Taxi Cab Driver Renewal for Arthur Pattenden;
2. Taxi Cab Driver Renewal for Farah Abdull;
3. Taxi Cab Driver Renewal for Ronald Cloutier;
4. Taxi Cab Driver Renewal for Marjorie Sleigh and
5. Taxi Cab Driver Renewal for Trudi Deneau.

And further that the license be issued by our licensing officer once the applicant has met all of the special conditions as listed in By-Law 2009-44.

**Motion Carried**

### **CONSENT OTHER MINUTES**

Moved by Councillor Sutton  
Seconded by Councillor Fryer

That the following minutes be received:

1. Meeting of the Amherstburg Accessibility Advisory Committee held on September 24, 2009 at 6:30 PM;
2. Meeting of the Amherstburg Accessibility Advisory Committee held on October 29, 2009 at 6:30 PM and
3. Meeting of the Amherstburg Heritage Committee held on November 24, 2009 at 5:30 PM.

**Motion Carried**

### **CORRESPONDENCE**

#### **Correspondence # 1 - Endorse Policy Framework on Affordable Access to Recreation for Ontarians**

Moved by Councillor Sutton  
Seconded by Councillor Pillon

That the correspondence regarding a Request to Endorse Policy Framework on Affordable Access to Recreation for Ontarians from the Ontario Task Group on Affordable Access to Recreation dated January 4, 2010 be received;

That Council **endorse** the Policy Framework on Affordable Access to Recreation for Ontarians as presented by the Ontario Task Group on Affordable Access to Recreation and AMO;

And further that AMO be advised of same.

**Motion Carried**

### **UNFINISHED BUSINESS**

Councillor Sutton sought an update on the installation of lights on Laird Avenue.

### **NEW BUSINESS**

a) Councillor Sutton reported on the City of Windsor's direction on closure of seven Municipal Early Learning and Child Care Centres. He asked that Council support a motion to send correspondence to Windsor City Council expressing the Town of Amherstburg Council's displeasure in the recommendation and requesting that they look at that decision and engage in conversation to find ways to keep the centres open.

Moved by Councillor Sutton  
Seconded by Councillor Pillon

That correspondence be forwarded to Windsor City Council expressing the Town of Amherstburg Council's displeasure in the recommendation to close seven Municipal Early Learning and Child Care Centres and requesting that Windsor City Council reconsider that decision and engage in conversation to find ways to keep the centres open.

### **Motion Carried**

b) Councillor Fryer asked that Public Works staff on evening patrol prepare a list of lights that are not working and requiring fixing. The Mayor asked that Administration monitor when the lights are fixed and provide a report to Council so that Council may see when the issue is reported and when the issue is corrected.

c) Councillor Fryer asked that a report be brought forward with regard to the final financials on the Kings Navy Yard Parkette Fountain and if any costs were incurred by the Town.

d) The Mayor referred to the Helping Haiti: Challenge to Ontario municipal governments and the federal government's commitment to match donations up to a total of \$50 million. The Mayor asked that Council consider a donation to the Haiti fund.

Moved by Councillor Sutton  
Seconded by Councillor Fryer

That Council make a donation in the amount of \$2,000 to the Helping Haiti relief fund.

### **Motion Carried**

## **BY-LAWS**

### ***Alternative Voting Method and Optical Scanning***

Moved by Councillor Sutton  
Seconded by Councillor Pillon

That **By-Law 2010-10** being a By-Law to authorize voting by mail and the use of optical scanning vote tabulators in municipal elections be taken as having been read a first, second and third time, be finally passed and the Mayor and the Clerk be authorized to sign same and affix the Corporate Seal thereto

### **Motion Carried**

#### ***Discussion:***

Councillor Wark sought clarification as to the provisions that would be made for those with disabilities. He suggested that provisions be made for those with  
Get some information out indicating what steps those with disabilities can take to take part in the municipal election.

Councillor Fryer asked that information about the vote by mail option be relayed to residents early in the year and in advance of the October election date and that Administration also consider additional ways of providing notice other than media notices. Councillor Fryer suggested placing vote by mail information within the Essex Power billing envelopes.

### ***Confirmatory By-Law***

Moved by Councillor Pillon  
Seconded by Councillor Fryer

That **By-Law 2010- 14** being a By-Law to confirm all resolutions of the Municipal Council Meeting held on January 25, 2010 be taken as having been read a first, second and third time, be finally passed and the Mayor and the Clerk be authorized to sign same and affix the Corporate Seal thereto.

### **Motion Carried**

## **NOTICE OF MOTION**

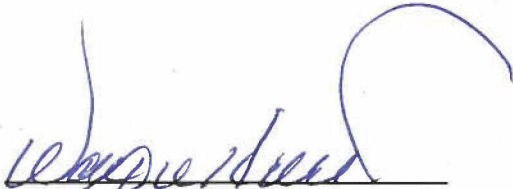
There were no notices of motion.

**ADJOURNMENT**

Moved by Councillor Wark  
Seconded by Councillor Sutton

That we rise and adjourn at 8:26 P.M.

**Motion Carried**



\_\_\_\_\_  
MAYOR - WAYNE HURST



\_\_\_\_\_  
CLERK - BRENDA M. PERCY

**Mayor, Councillors, Ladies & Gentlemen**

**I am here to-night to discuss the South Side Wind Turbines**

**As some of you are aware GenGrowth has received the final approval from the Ministry of the Environment. On Sept. 18, 2009. I have letters from the MOE outlining this date.**

**As you are also aware the revised Bill 150 did not come into effect until Sept. 24, 2009, six days later.**

**This new bill is not retro-active, therefore it is my position that the Setback by-law in place at time of approval, 600 metres must be applied to the South Side Turbine installation. GenGrowth did not follow through on their application to amend the bylaw at the time and therefore no changes should be allowed.**

**For those of you that may feel differently, I ask you to consider the setback in Essex, 300 metres, which the Turbine developers there are adhering to, and not one of them is retro actively using the new setback outlined in Bill 150 of 550 metres. So why is there even a question of our towns' 600 metre setback.**

**It is precisely because GenGrowth was approved before the new bill took effect that they must adhere to the setback at that time, it does not become open season or zero setback because a new bill was adopted.**

**Further in Mr Paul Merkers' e-mail to Ms Hubbs, he's GenGrowth for those of you who do not know, he clearly states that The setbacks in the New Green energy act are not applicable to the Southside installation. What does GenGrowth think that they make the rules now. That the towns' setback and the new provincial setback do not apply, that 1 metre would be O.K. GenGrowth is not exempt from the law.**

**I have received confirmation of this 600 metre position from Ms. Leesa Kwong, Planner at the OMB.**

**It must be clear to everyone that the setback bylaw in place at the time of approval was 600 metres and this is the standard that GenGrowth must meet. Looking at GenGrowth's own numbers it would seem that only one turbine # 2 would meet the town's 600 metre setback, the other turbines are too close to our homes and the houses of the farmers that sold us out, they would be even closer.**

In my opinion any deviation from this 600 metre setback would not only be unlawful, it would be actionable, at the very least it should be placed before the OMB, for the town to get a concise determination of just which setback GenGrowth must follow.

One or two other points I would like to make are that the new bill clearly allows for setbacks as low as 550 metres, however there is a chart which shows that the noise levels must be kept to a certain minimum at this distance, the chart clearly outlines distances as great as 950 metres if certain noise levels are not met.

Once again I offer to council the latest study regarding the very real noise concerns surrounding turbines.

Does anybody know GenGrowth's plan for dealing with excessive noise if it occurs, are they going to shut the turbines off.

On a related issue, Council has been placed on notice regarding the health issues surrounding turbines and also the property value loss, I am certain Council is aware of the recent ruling by the Assessment Review board that has allowed a reduction of 50% of a certain homeowners property assessment, chiefly because of the noise associated with the turbines and related equipment. Council should be alerted by this event because the requests for reconsiderations and appeals, will now have a precedent to follow, this is the first of many.

Council is aware I am sure that the other taxpayers will have to pay up the difference for the loss of assessment base to the town. The difference will have to come from somebody, there are over 200 houses effected by this.

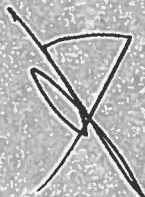
In closing I would like to outline to Council that certain members of the administrative staff have been less than co-operative in any questions or concerns we have voiced, for two years we have asked for help and received contempt. I wonder if they think by ignoring us that they can just push this through because they like it and it's green. Exchanging e-mails and pleasantries with proponents and using their information doesn't make a valid report and it is not in the taxpayers best interest for them to cozy up to potential developers.

To sum up GenGrowth's project does not meet the Town's previous setback so what are we talking about here, erecting illegal turbines. McGuinty left no room for appeal and to allow it to happen would be illegal.

I respectfully request you give this issue serious consideration, it is our homes and our lifestyle.

How many of you would tolerate being kept up all night.

Thank you.

A handwritten signature in black ink, appearing to be a stylized name or set of initials, located at the bottom left of the page.



Thank you for your October 5, 2009 e-mail regarding GenGrowth's proposed Southside Wind Farm. I understand that you have also spoken to Narren Santos on telephone relating your concerns regarding the Southside Wind Farm not being able to meet the Renewable Energy Approval Regulation's 550 metre minimum noise setback distance.

As you already know, GenGrowth has completed the environmental assessment requirements on September 15, 2009, and obtained a Certificate of Approval (Noise) on September 18, 2009 for the Southside Wind Farm. Since GenGrowth completed all Ministry of the Environment approvals prior to the September 24, 2009 proclamation of the Renewable Energy Approval Regulation (O.Reg. 359), GenGrowth is not required to meet the O.Reg. 359's requirements including the 550 metres noise setback.

I also want to clarify that in accordance with amendments that were made to the Planning Act through Bill 150 (an Act to enact the Green Energy and Green Economy Act) municipalities, including the Town of Amherstburg, do not have authority to make or enforce setbacks through zoning by-laws in respect of renewable energy facilities after September 24, 2009.

Should you have further questions regarding the Southside Wind Farm and or the Renewable Energy Approval, please contact Narren Santos, Renewable Energy Approval Coordinator at 416-314-8442 or by e-mail at narren.santos@ontario.ca.

Thank you for bringing your concerns to my attention,

Agatha Garcia-Wright

Director

Ministry of the Environment

Environmental Assessment and Approvals Branch

2 St Clair Avenue West, 12A Floor

Toronto, Ontario M4V 1L5

416-314-7288 (ph)

416-314-7227 (fax)

**South Side Wind Farm – Distance from Wind Turbines to Closest Receptor**

| Turbine # | Closest Receptor | Distance to Receptor |
|-----------|------------------|----------------------|
| 1         | CN (SS239)       | 571                  |
| 2         | CB (SS222)       | 632                  |
| 3         | CV (SS247)       | 575                  |
| 4         | DC (SS255)       | 586                  |
| 5         | D (SS260)        | 570                  |

Note: Receptors as defined in the MOE Noise Guidelines do not include residences involved in the wind project. Distance from Turbine 3 to residence involved in wind farm in 515m

Delegation #3- Mr. Mick MacCorquodale  
As presented to Council at the Public  
Meeting held January 25, 2010 and forming  
part of the minutes of the meeting.  
Page 5 of 17

**Janine Mastronardi**

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**From:** Jackie Hubbs  
**Sent:** Wednesday, January 20, 2010 7:37 PM  
**To:** Janine Mastronardi  
**Subject:** FW: GenGrowth - South Side Wind Farm  
**Attachments:** Distance of Receptors to Turbines.docx

Please include the table and email as part of the Appendix for the GenGrowth report to be posted on Council agenda. The report and other appendices are on the file cabinet. Thanks for your help, Jackie

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**From:** Paul Merkur [mailto:pmerkur@gengrowth.com]  
**Sent:** January 20, 2010 5:33 PM  
**To:** Jackie Hubbs  
**Cc:** sdagostino@thomsonrogers.com  
**Subject:** RE: GenGrowth - South Side Wind Farm

Hi Jackie,

Here is the requested table showing the distances from the turbines to the closest Receptor. In regards to the report to Council I just wanted to mention again that in obtaining its Certificate of Approval the South Side Wind Farm and the studies conducted have been reviewed and approved by a number of Provincial Agencies including the Ministry of Environment, Ministry of Natural Resources and Environment Canada. Further, although the setbacks provided for in the Green Energy Act are not applicable to the project, the South Side Wind Farm meets the setbacks from Receptors as defined by the Province i.e. 550m

If you need anything else please let me know.

Best regards

Paul

Paul Merkur LL.B. MBA  
Gengrowth  
4950 Yonge Street, Suite 2200  
Toronto, Ontario M2N 6K1  
T: (416) 218-5581  
M: (647) 505-1912  
F:(416) 221-4668

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**From:** Jackie Hubbs [mailto:jhubbs@amherstburg.ca]  
**Sent:** January-19-10 1:44 PM  
**To:** Paul Merkur  
**Subject:** GenGrowth - South Side Wind Farm  
**Importance:** High

Good afternoon Paul

I am preparing a status report for Council regarding the project. Would it be possible for you or your staff to prepare a quick table depicting the separation distance between each wind turbine and the first receptor. I have a map but a table would be beneficial.

1/21/2010

Ministry  
of the  
Environment

Ministère  
de  
l'Environnement

Office of the Minister

Bureau du ministre

135 St. Clair Ave. West  
12th Floor  
Toronto ON M4V 1P5  
Tel (416) 314-6790  
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Télééc (416) 314-6748



Delegation #3- Mr. Mick MacCorquodale  
As presented to Council at the Public  
Meeting held January 25, 2010 and forming  
part of the minutes of the meeting.

Page 6 of 17

SEP 15 2009

ENV1283MC-2009-3499

Mr. David Singer  
Vice President, Business Development  
Gengrowth LP1  
4950 Yonge Street, Suite 2200  
Toronto ON M2N 6K1

Dear Mr. Singer:

Between July 7, 2009 and July 13, 2009, I received three requests asking that I review the decision of the Director of the Environmental Assessment and Approvals Branch (Director) that an individual Environmental Assessment (EA) is not warranted for the South Side Wind Farm (Project).

I am taking this opportunity to inform you that I have decided to confirm the Director's decision. This decision was made after giving careful consideration to the issues raised in the requests, Project documentation, the provisions of the Environmental Screening Process (ESP), and other relevant matters required to be considered under subsection 16(4) of the *Environmental Assessment Act* (EAA). A more comprehensive discussion of the evaluation of the request may be found in the attached letters to the requesters. My decision is final.

Gengrowth has made commitments with respect to mitigation and protective measures to address environmental impacts. The ESP specifies that such commitment must form part of the Project and are expected to be implemented accordingly. The contravention of the EAA, including failure to comply with the ESP and the commitments made in the Environmental Screening Report, may result in prosecution under Section 38 of the EAA.



My decision is made with the understanding that Gengrowth recognizes the importance and value of the EAA and that these commitments will be fulfilled.

Sincerely,



John Gerretsen  
Minister of the Environment

c: Ms. Pat Becker, P Becker Consulting  
Requesters  
EA File No. EA06-07 South Side Wind Farm

Ministry  
of the  
Environment

Ministère  
de  
l'Environnement

Office of the Minister

Bureau du ministre

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Delegation #3- Mr. Mick MacCorquodale  
As presented to Council at the Public  
Meeting held January 25, 2010 and forming  
part of the minutes of the meeting.

Page 8 of 17

SEP 15 2009

ENV1283MC-2009-3499

Mr. Mick MacCorquodale  
6547 Concession 6 South  
Amherstburg ON N9V 2Y8

Dear Mr. MacCorquodale:

Thank you for your interest in Gengrowth Renewables Inc.'s (Gengrowth) proposed South Side Wind Farm (Project) in the Municipality of Chatham-Kent (Municipality). I welcome your comments on this Project.

You requested that I review the decision of the Director of the Environmental Assessment and Approvals Branch (Director) to deny the elevation requests received for the Project. I am taking this opportunity to inform you that I have decided to confirm the Director's decision that an individual Environmental Assessment (EA) is not required.

In making this decision, I have given careful consideration to the Project documentation, the provisions of the "Guide to Environmental Assessment Requirements for Electricity Projects" (Electricity Guide), the issues raised in your request, and relevant matters to be considered under section 16 of the *Environmental Assessment Act* (EAA). The reasons for my decision are briefly discussed below.

The Environmental Screening Process (ESP) is a process by which proponents plan and develop projects of this type, including evaluating alternatives, assessing environmental effects, developing mitigation measures, and consulting with the public, without having to obtain approval from me and the Lieutenant Governor in Council for each individual project.

The ESP has itself been subject to review and approval under the EAA, which determined, in part, that the application of the ESP would enable proponents to meet the intent and purpose of the EAA. Gengrowth has demonstrated that it has planned and developed the Project in accordance with the provisions of the Electricity Guide. I am satisfied therefore that the purpose of the EAA, "the betterment of the people of the whole or any part of Ontario by providing for the protection, conservation and wise management in Ontario of the environment," has been met for the Project.



The issues and concerns that you raised were extensively reviewed. I am satisfied that the issues and concerns have been addressed by the work done to date by Gengrowth, or will be addressed in future work that is required to be carried out.

You expressed concerns that the Project will have adverse impacts on human health, that two elementary schools were not considered in the study, and that there have not been enough studies undertaken to adequately determine the impact of wind turbines on human health. In the Environmental Screening Report (ESR), Gengrowth has examined the possibility of any negative health and social effects that the Project may pose on the surrounding population. Based on the MOE staff review of the Project documentation, Gengrowth has demonstrated that it has assessed potential environmental, social, and cultural effects, as well as public safety and health issues. A screening of environmental features was undertaken for the purpose of assessing potential effects of the Project on the environment, and this information is documented in a table in the ESR. Gengrowth has also documented proposed mitigation measures to address any potential effects that the Project may have on the surrounding environment. The ESP does not require proponents to undertake a separate health impact assessment for electricity projects. Although the two schools were not included in the study, Gengrowth has submitted the location of these schools to the MOE, for consideration in the noise impact assessment. The Project was reviewed by MOE technical staff, and, under the current MOE Noise Guidelines for Wind Farms, the MOE has no concerns from a noise impact perspective. MOE staff are satisfied that Gengrowth has met all applicable government standards and requirements.

You shared your concerns that the Project will have adverse impacts on the natural environment (migratory birds, and the Big Creek Marsh—a Provincially Significant Wetland, PSW). The ESR states that the pre-construction bird monitoring program was developed with the Canadian Wildlife Service (CWS), the government review agency responsible for migratory birds. The CWS has stated its satisfaction with the pre-construction bird monitoring program, and the ESR states that Gengrowth is committed to completing all required post-construction monitoring studies as prescribed by the CWS for migratory birds.

In its May 22, 2009 letter to the Ministry of Natural Resources (MNR), Gengrowth advised that the PSW is situated 1.2 kilometres (km) from the nearest turbine, but the Big Creek Marsh is located even further to the south. The MNR did not express concerns about impacts of the Project on the Big Creek Marsh. A review of the Project documentation indicates that the Project will not have an adverse impact on the wetland. In addition, in a letter dated December 15, 2008, the Essex Region Conservation Authority (ERCA) stated that the ESR is being completed satisfactorily with respect to all relevant natural heritage issues and policies under ERCA jurisdiction. Gengrowth has provided to the MOE a written commitment to incorporate a species at risk protocol in its Environmental Management Plan and will provide that plan to the MNR and CWS for review and comment prior to construction. The MOE is satisfied that the requirements of the Electricity Guide with respect to the identification of potential impacts on the natural environment, and their mitigation, have been met.

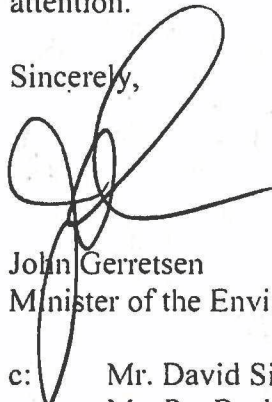
You expressed concerns relating to stray voltage. Electrical issues are largely outside the mandate of the MOE, and are not dealt with under any MOE requirements or processes; they are a Ministry

of Energy and Infrastructure (MEI) matter. MEI approval relating to stray voltage is not a requirement of the Electricity Guide. Gengrowth has stated that it will meet the requirements of Hydro One based on national and international association standards (IEEE 1547 (clause 4.3.3), CSA-C61000-3-6 and the Distribution system Code Appendix F.2, section 10.2). The Enercon E-82 turbines will be equipped with all of the necessary filtering equipment to ensure electrical performance standards are met or exceeded. All proposed electrical cabling will be buried underground to minimize concern with stray voltage associated with turbine operations. This meets policy 2.16.3.5 of the County's Official Plan. As a further commitment, pre-construction measurements of existing stray voltage will be taken prior to operation and then after commissioning to determine if there have been any changes.

With this decision having been made, Gengrowth can now proceed with the Project, subject to any other permits or approvals required. Gengrowth must implement the Project in the manner in which it was developed and designed, as set out in the Environmental Screening Report, and inclusive of all commitments made during the review of the elevation requests, mitigating measures, and environmental and other provisions therein, including the bat and migratory bird monitoring program.

Again, I would like to thank you for participating in the ESP and for bringing your concerns to my attention.

Sincerely,



John Gerretsen  
Minister of the Environment

c: Mr. David Singer, Gengrowth  
Ms. Pat Becker, P Becker Consulting  
EA File No. EA06-07 South Side Wind Farm



# ARB ruling on wind power noise sets precedent

In a precedent setting move, a recently discovered decision of the provincial Assessment Review Board (ARB) has cut a homeowner's assessment in half because the house is located near a noisy hydro substation. The hydro plant serves a nearby wind farm producing "clean" electricity. The decision of ARB member Ana Cristina Marques was issued following an appeal by Paul Thompson of the assessment on his house.

Thompson's one-storey home is located on the 10th Line in Amaranth Township. It was built in 1989 and sits on a lot with a frontage of 183 feet (55.7 metres) and a depth of 240 feet (73.15 metres). In 2008, the Municipal Property Assessment Corp. assessed the 1,320-square-foot house at \$255,000. Thompson agreed with the assessment except for one thing: The house sits across the road from a Canadian Hydro Developers transformer station. The



**BOB AARON**

station converts the output of the nearby Melancthon I wind plant into electricity for the Ontario power grid.

Thompson told me last month that the station emits a "wicked buzz" all day, every day, and that's what prompted him to appeal his assessment.

Evidence presented to the board at Thompson's appeal revealed that in April 2005, the township of Amaranth rezoned a 6.07 hectare (15-acre) parcel across the road from Thompson's home for the purpose of construction of a transformer station.

The station was built 360 metres

(1,181 feet) away from Thompson's house. According to the Ontario Power Authority website

([www.powerauthority.on.ca](http://www.powerauthority.on.ca)), it serves the Melancthon I Wind Plant, a 67.5 MW facility in the southern portion of the Melancthon Township, Dufferin County, near the Town of Shelburne.

The first phase of the project utilizes 45 wind turbines. It became operational in March 2006, and the second and much larger phase (88 turbines) began producing electricity in March 2008.

The Ontario Power Authority website says that "manufacturers of modern wind turbines have... reduced noise levels to that of a quiet whisper."

That may be so, but evidence at the ARB hearing showed that the power station associated with Melancthon I produced a constant hum measured at more than 40 decibels in Thompson's home. (According to a 1999 World Health Organization report, sleep distur-

bance occurs when there is a continuous noise exceeding its indoor guideline value of 30 decibels.)

Thompson introduced evidence at the hearing showing that the transformer station noise was audible within the house with the windows closed. He described the noise as a "nightmare" and a constant nuisance that not only affects his day-to-day activity, but also impacts the sales value and marketability of his property.

In reaching its decision to cut his assessment in half, board member Marques wrote, "The Board finds that the constant hum alleged by Mr. Thompson does exist and significantly reduces the current value of the subject property. The best evidence is the audio portion of the CD (Exhibit No. 1) and the testimony of both parties."

"Having heard this nuisance, apparently sanctioned by the Municipality, the Board accepts Mr. Thompson's testimony that the stigma of noise contamination has

a negative impact on the value and marketability of the property, and that after learning of the humorous prospective purchasers will quickly lose interest in purchasing the property. The Board is satisfied that a very substantial reduction is warranted."

As I see it, Thompson's successful appeal of his assessment is only the first of many similar cases that are certain to follow. The result, of course, will be a significant reduction in the tax base of municipalities like Amaranth, which play host to wind turbine farms.

And now that the ARB, an arm of the Ontario government, has upheld a claim for loss of property value due to the proximity of a hydro substation and a wind farm, can a host of court cases and class action lawsuits for noise contamination and property devaluation be far behind?

Bob Aaron is a Toronto real estate lawyer and board member of the Tarrion Warranty Corp. [bob@aaroon.ca](mailto:bob@aaroon.ca).

energy approval or a certificate of approval in respect of a wind turbine mentioned in subsection 54 (1), the person who is constructing, installing or expanding the facility submits a report prepared in accordance with the publication of the Ministry of the Environment entitled "Noise Guidelines for Wind farms", dated October 2008, as amended from time to time and available from the Ministry.

TABLE 3

| Number of wind turbines calculated in accordance with subsection (2) | Sound power level of wind turbine (expressed in dBA) | Total distance from wind turbine to nearest noise receptor of the wind turbine (expressed in metres) |
|--|--|--|
| 1-5  | 102  | 550  |
|  | 103 - 104  | 600  |
| 5-6  | 105  | 850  |
|  | 106-107  | 950  |
| 6-10   | 102  | 650  |
|  | 103-104  | 700  |
|  | 105  | 1000   |
|  | 106-107  | 1200   |
| 11-25  | 102  | 750  |
|  | 103-104  | 850  |
|  | 105  | 1250   |
|  | 106-107  | 1500   |

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## Gengrowth Project

From: **M.L. Anderson** (moe146@gmail.com)

Sent: January 22, 2010 9:07:47 PM

To: rfryer@amherstburg.ca; whurst@amherstburg.ca; jhubbs@amherstburg.ca; rbailey@amherstburg.ca; rpillon@amherstburg.ca; jsutton@amherstburg.ca; rwhite@amherstburg.ca; bwark@amherstburg.ca

Attachments:

Sound calculation for Enercon E82.xls (52.5 KB)

Amherstburg Mayor and Councilors,

William Palmer, P.Eng. is known internationally as an expert in the area of wind turbine noise. He recently presented a paper at the international Wind Turbine Noise Conference held in Denmark in 2009.

His analysis of Mr. Merker's information and Gengrowth's plan follows. Attached is a sound calculator specific to a Enercon E82.

Bill and Maureen Anderson sent on behalf of ECWAG

----- Forwarded message -----

From: **Jean and Bill Palmer** <palmer.b@bmts.com>

Date: Fri, Jan 22, 2010 at 7:47 PM

Subject: Re: Town meeting Jan 25th - Gengrowth's Plans

To: "M.L. Anderson" <moe146@gmail.com>

Hi Maureen,

I did a quick calculation for the noise effects at what appear to be the nearest homes, one centrally located on the 5th concession, just east of the central turbine had the highest sound levels, where I scale the distances to the turbines as T1 (furthest north) = 1100m, T2 = 850m, T3 = 550m, T4 = 1150m, T5 (furthest south) = 1400m - the sound levels at the home using a sound calculator based on ISO 9613-2 and the MOE October 2008 turbine guidelines, 40.7 dBA, 52.8 dBC, 53.4 dB (level). I've attached the calculator at the end if you want to experiment with other distances.

I also calculated for the home just west of the central turbine on the 6th concession. It too is slightly over 40 dBA - about 40.3 dBA. Note however that I'm just scaling the distances, so probably the sound levels are close enough to 40 dBA that the MOE would accept them. They would accept 40.49999 as acceptable, as they round data.

Now, having 40 dBA (or 53 dB level) will likely be a problem given the cyclical nature of the wind turbine noise, but until we get the regulations changed to recognize the 5 dBA penalty for cyclical noise that NPC-104 requires, "it is officially acceptable." (to annoy people, and possibly cause adverse effects I may add.)

The other obvious point of course is the proximity of the northernmost turbine to the lot without an agreement - 51 metres, and the southern most turbine to the lot without an agreement - 51 metres. The second from the north turbine is also close to the lot line of the neighbour without an agreement. Yes, it meets the provincial rules, but they are woefully inadequate. The fact that 4 of the 5 turbines are closer than 500 metres to the edge of non-participating lots is certainly not a comforting thought.

Reading through the submission, it is interesting that the proponent makes mention of the fact that the Enercon R82 turbine (82 metre blade diameter) is not as big as the Siemens 2.3 MW turbines used at Port Alma (93 metre blade diameter). However, one might have expected that a full disclosure would have also stated that the rotational speed for the Siemens turbine is slower at 16 rpm compared to the Enercon E-82 with a top rotational speed of 19.5 rpm. Thus the blade tip maximum speeds are about 77 m/sec for the Siemens turbine, and 84 m/sec ( 9% higher) or 302 km per hour on the Enercon E-82. I had a quick run through the package to look for the commonly used words of "the lazy motion of the blades" but did not find it this time! Good thing, as 302 km/hour is moving right along. It's a case of somewhat incomplete disclosure I suspect.

The proponent also fails to acknowledge is that due to the higher tip speed, the Enercon E82 turbine has a sound power level of 105.0 dBA (using the best manufacturer's information I can find for that turbine). Recently issued ESR's for the Siemens 2.3 MW turbines submitted to the MOE for the second phase of Port Alma shows those turbines also have a sound output of 105 dBA, while a low noise version of the same turbine actually is rated at 104 dBA. It makes you wonder about the basis for the statement in the proponent's letter of Sept 11 from Mr. Paul Merker that states "The Enercon E-82 is a gearless technology that reduces noise output ..." Really? So 105 is less than 105? Or does he mean that if it had gears it would actually be considerably noisier? At any rate, it is no more quiet, has a higher blade tip speed, and hence more energy to throw broken bits.

The last thing which that is not mentioned is that this Enercon-82 turbine rectifies the generated power and then converts it back to AC at 60 Hz (as do the Siemens 2300 turbines, and the GE 1.5 sle turbines, but not the Vestas V80 or V82 turbines . That means that the Enercon E-82 turbines do tend to radiate a fairly high level of electrical noise.

Tests I have conducted under a similar 5-turbine Enercon E-82 array outside Blenheim Ontario shows that these turbines even without a transformer do generate a considerable amount of electrical high frequency noise that will result in problems with AM radio reception. I read that most lines may be buried, at this project which should provide some relief but it will be something to be aware of if there is any weakening of that proposal.

My anticipation is that some neighbours will have problems due to the acoustical noise, that the public safety risk is higher than I'd like to see as one who has done risk assessment work, and that the converter equipped turbines do generate a considerable amount of electrical noise, which may be partly mitigated if collection lines are buried, although where the lines are overhead the condition will be more apparent.

Bill Palmer

Based on MOE Assumptions  
 Oct. 2008

For Enercon E-82 turbine use, with assumptions for propagation given in MOE Oct 2008 Guid lines for Wind Farms

Wind Turbine Sound  
 ISO 9613-2 Calculator

Wind Development: Enercon E-82  
 Turbine Type: Enercon E-82

|                             |       |
|-----------------------------|-------|
| Distance Source to Receptor | 550 m |
| Source (hub) Height         | 76 m  |
| Source Base elevation       | 0 m   |
| Top of Source Height        | 76 m  |
| Receptor Height             | 4.5 m |
| Receptor Base Elevation     | 0 m   |
| Top of Receptor Height      | 4.5 m |

|                     |       |
|---------------------|-------|
| Source Zone (30h)   | 550 m |
| Source G            | 0.7   |
| Receiver Zone (30h) | 135 m |
| Receiver G          | 0.7   |
| Middle Zone         | 0 m   |
| Middle G            | 0.7   |

Temperature 10 C  
 Relative Humidity 70 %

Receptor SPL (dBA) 38.2  
 Receptor SPL (dBC) 49.8

|                             | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | All Freq |
|-----------------------------|-------|--------|--------|--------|---------|---------|---------|---------|----------|
| Source PWL dB               | 112.0 | 109.3  | 104.6  | 102.5  | 101.0   | 94.6    | 83.1    | 80.3    | 114.9    |
| A Weighted PWL dBA          | 85.8  | 93.2   | 96.0   | 99.3   | 101.0   | 95.8    | 84.1    | 79.2    | 105.0    |
| Att.Divergence              | 65.8  | 65.8   | 65.8   | 65.8   | 65.8    | 65.8    | 65.8    | 65.8    |          |
| Att.Ground (Source Zone)    | -1.5  | -0.5   | -0.5   | -0.5   | -0.5    | -0.5    | -0.5    | -0.5    |          |
| Att.Ground(Middle Zone)     | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     |          |
| Att.Ground(Receptor Zone)   | -1.5  | 2.0    | 0.5    | -0.4   | -0.4    | -0.5    | -0.5    | -0.5    |          |
| Att.Atmosphere              | 0.1   | 0.2    | 0.6    | 1.0    | 2.0     | 5.3     | 18.0    | 64.8    |          |
| Att.Atmosphere dB per 1000m | 0.1   | 0.4    | 1.0    | 1.9    | 3.7     | 9.7     | 32.8    | 117.9   |          |

|                           |       |       |      |      |      |      |      |       |      |
|---------------------------|-------|-------|------|------|------|------|------|-------|------|
| Receptor SPL (unweighted) | 49.1  | 41.8  | 38.2 | 36.5 | 34.1 | 24.4 | 0.2  | -49.5 | 50.4 |
| A Weighting Factor        | -26.2 | -16.1 | -8.6 | -3.2 | 0.0  | 1.2  | 1.0  | -1.1  |      |
| Receptor SPL (A Weighted) | 22.9  | 25.7  | 29.6 | 33.3 | 34.1 | 25.6 | 1.2  | -50.6 | 38.2 |
| C Weighting Factor        | -0.8  | -0.2  | 0.0  | 0.0  | 0.0  | -0.2 | -0.8 | -3.0  |      |
| Receptor SPL (C Weighted) | 48.3  | 41.6  | 38.2 | 36.5 | 34.1 | 24.2 | -0.6 | -52.5 | 49.8 |

- Instructions for use:
1. Insert distance from Turbine (Source) to Receptor in the pink cell above, read SPL at receptor in blue cells.
  2. Transfer data for Distance (pink) and Receptor SPL (blue) to Sheet 2, and from summary table (yellow) to Sheet 3.



Wind Development: Gengrowth - South Side  
Turbine Type: Enercon E82

Temperature 10 C  
Relative Humidity 70 %

| Distance           | dBA  | Total for All |      | Level dB (unweighted) |       |        |        |        |         |         |         |         |          |     |     |     |     |
|--------------------|------|---------------|------|-----------------------|-------|--------|--------|--------|---------|---------|---------|---------|----------|-----|-----|-----|-----|
|                    |      | dBA           | dBc  | dB                    | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | All Freq |     |     |     |     |
| T1 1100            | 30.7 | 30.7          | 43.6 | 44.2                  | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
| T2 850             | 33.6 | 35.4          | 47.9 | 48.5                  | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
| T3 525             | 38.2 | 40.0          | 52.0 | 52.6                  | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
| T4 1150            | 30.2 | 40.5          | 52.5 | 53.1                  | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
| T5 1400            | 27.9 | 40.7          | 52.8 | 53.4                  | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
|                    | 0.0  | 0.0           | 0.0  | 0.0                   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
|                    | 0.0  | 0.0           | 0.0  | 0.0                   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
|                    | 0.0  | 0.0           | 0.0  | 0.0                   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
|                    | 0.0  | 0.0           | 0.0  | 0.0                   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
|                    | 0.0  | 0.0           | 0.0  | 0.0                   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
|                    | 0.0  | 0.0           | 0.0  | 0.0                   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
|                    | 0.0  | 0.0           | 0.0  | 0.0                   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
|                    | 0.0  | 0.0           | 0.0  | 0.0                   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
|                    | 0.0  | 0.0           | 0.0  | 0.0                   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
|                    | 0.0  | 0.0           | 0.0  | 0.0                   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |
| A Weighting Factor |      |               |      |                       | -26.2 | -16.1  | -8.6   | -3.2   | 0.0     | 1.2     | 1.0     | -1.1    |          |     |     |     |     |
| C Weighting Factor |      |               |      |                       | -0.8  | -0.2   | 0.0    | 0.0    | 0.0     | -0.2    | -0.8    | -3.0    |          |     |     |     |     |

Transfer data for each octave band from Sheet 1  
This is a summary sheet  
only and performs no calculations,