

**Telecommunication Facility Siting Protocol Task Force
Thursday, November 10, 2011**

COMMUNICATIONS

- C1** **Lena Streletska, dated September 28, 2011**
- C2** **Von Chaleunsouk-Marsden, dated September 20, 2011**
- C3** **Lena Streletska, dated September 15, 2011**
- C4** **Lena Streletska, dated September 9, 2011**

Please note there may be further Communications.

Magnifico, Rose**TELE. TASK FORCE
COMMUNICATION****CI****Date:****Subject:** Letter to the meeting City of Vaughan

From: Lena Streletska [REDACTED]
Sent: Wednesday, September 28, 2011 3:16 PM
To: DevelopmentPlanning@vaughan.ca; Abrams, Jeffrey; Ciafardoni, Joy
Subject: Letter to the meeting City of Vaughan
Importance: High

Hello,

I, Streletska Olena, would like to convey the letter offering below and the existing Petition (June 2011) against the Cell Tower at Al Palladini CC (located within 50 meters from Emily Carr SS and within 50-150 meters from Islington Woods Residence, also at the same plaza we have a library and the community centre) and added to the Protocol for Establishing telecommunication tower/antenna facilities within the Regional Municipality of York. I understand that Committee of the Whole will discuss this issue in Fall 2011:

.....please find the letter below....

Please advise with the confirmation number.

Thank you
 Olena Streletska
 [REDACTED]

--From: [REDACTED]
 To: gsorbara.mpp@liberal.ola.org; gsorbara.mpp.co@liberal.ola.org
 Subject: Letter to the meeting City of Vaughan
 Date: Tue, 27 Sep 2011 17:29:07 +0000

From: [REDACTED]
 To: anna.debartolo@yrdsb.edu.on.ca; kleinburgkids@sympatico.ca; emilycarr.ss@yrdsb.edu.on.ca; minister.edu@ontario.ca; regional.chair@york.ca; csh-info@york.ca; health.webmaster@york.ca; director@yrdsb.edu.on.ca
 Subject: Letter for the meeting Sept.27
 Date: Tue, 27 Sep 2011 16:30:39 +0000

From: [REDACTED]
 To: alan.shefman@vaughan.ca; clerks@vaughan.ca; deb.schulte@vaughan.ca; gino.rosati@vaughan.ca; jeffrey.abrams@vaughan.ca; joy.ciafardoni@vaughan.ca; marilyn.iafrate@vaughan.ca; maurizio.bevilacqua@vaughan.ca; michael.dibiase@vaughan.ca; emilycarr.ss@yrdsb.edu.on.ca; rosanna.defrancesca@vaughan.ca; sandra.racco@vaughan.ca; tony.carella@vaughan.ca; von.c-marsden@mcne.ca; tina.catalano@sympatico.ca; karim.kurji@york.ca
 Subject: Letter for the meeting Sept.27
 Date: Mon, 26 Sep 2011 19:38:18 +0000

10/17/2011

TO: Municipality of Vaughan
Vaughan City Hall,
2141 Major Mackenzie Drive, Vaughan, Ontario

September 26, 2011

RE : I, Streletska Olena, would like to convey the letter offering and add it to the existing Petition (June 2011) against the Cell Tower at Al Palladini CC (located within 50 meters from Emily Carr SS and within 50-150 meters from Islington Woods Residence, also at the same plaza we have a library and the community centre). I understand that council will discuss this issue in Fall 2011.

Dear Mr. Mayor,
Dear Mr./Mrs. Councillors:
Dear Stakeholders:

"The City of Vaughan is leading by example..." - as Mr. Bevilacqua said on Sunday, September 25, 2011, and that makes this city one of the most desirable place to live in Canada.
All work you do for this city is highly appreciated by its citizens.

That is exactly why I apply to you today, with confidence that you will make the right decision and vote against this cell tower.

The decision, you will never regret in the future, because you will be the one, who protects that future, you will be the one, who protects children in Emily Carr SS and children in Islington Woods and Wycliffe homes.

May 31, 2011 : The WHO/International Agency for Research on Cancer (IARC) has classified radiofrequency electromagnetic fields as **possibly carcinogenic to humans (Group 2B)**, based on an increased risk for **glioma**, a malignant type of brain cancer (see the attachment).

The cell tower within 50 meters from our children...think about it!.....there is no safe levels of **microwave radiation (RF)** for children have been established anywhere in the world. That's because children are understood to be the most vulnerable and there are no safety studies on RF and children.

As per Mr.A.Thansandote, Head of Electromagnetic Research Health Canada:

"There have been no studies exposing children to RF (incl. radiation from the cell tower within 50 meters away!?) for 6 hours a day" (...and + 18 hrs at home, like our children, who lives within 50-150 meters from the cell tower !!! (O.S.))

Health Canada is confused about the World Health Organization's warning that wireless devices, including wireless internet are possible causes of cancer.

Dr. Jonathan Samet is the chairman of the WHO's International Agency for Research on Cancer:

There are **no safety studies on microwave radiation and children** and yet Governments and Directors of School Boards tell us WiFi /CELL TOWERS are "safe" according to Health Canada. Why?

It is a word game. The word SAFE as a trusting parent understands the word means it will not alter your child's health. "Safe" according to Health Canada only means the microwaves will not heat your skin in six minutes. Health Canada has a "regulatory guideline" called Safety Code 6. It was written in the 1970's when the only real concern was microwave ovens. The Safety Code states that if the microwaves don't heat your skin in six minutes, or begin to cook you, then they're not harmful. This is called the "thermal effect".

But scientists for decades have proved that microwaves can cause serious biological changes at "non-thermal" levels. The early work of Dr. Alan Frey showed he could induce cardiac arrest in laboratory animals simply by exposing them to low levels of microwaves.

10/17/2011

Safety Code 6 (1999-2009) warns about the health problems some people will experience: "Certain members of the general public may be more susceptible to harm from microwave exposure.." (p11). WiFi should never be used in public schools because some children will be more harmed than others suffering headaches, nausea, radically altered heart rates, rashes and weakness. This warning from page 11 was mysteriously erased from the Safety Code in October of 2009.

A key American scientist who was asked by the Canadian government to review Safety Code 6 when it was initially written recently spoke to Rodney Palmer of the Safe School Committee. Dr. Glaser (Ph.D.) is the former head of the U.S. Navy Microwave Laboratory and now with the FDA. When Dr. Glasser learned that Health Canada assured Canadians microwave radiation is "safe" for children he said they're wrong:

"They're either giving you partial information, or they're giving you misinformation. Because there is scientific consensus that microwaves cause biological effects. There is scientific consensus that children are more vulnerable. And there is no evidence whatsoever that it is safe for children. That is no foundation on which to declare something is safe."

The "safety" code was designed **before** cell phones, before WiFi and before anyone dreamed that governments and school board's would impose mandatory exposure of children to pulsed microwaves. Dr. Glaser says when the code was written, the "safe" level was allowed to be dangerously high to accommodate military technology. Nobody expected that decades later the same code would be used to justify the irradiation of kids in their classes. After all, even by the 1970's it was scientifically established that microwave energy could cause serious illness.

During his many years as head of the Microwave Lab for the American Navy, Dr. Glaser collected every study from around the world on the biological changes from microwave and RF exposure. His work culminated in a collection of 2300 papers and reports.

Despite the established health effects, wireless companies were granted special privileges to sell their products without safety testing. And this is the essence of the problem. Wireless technology is not SAFE in the way a trusting parent understand the word, and it is not safety tested. To avoid liability, telecom companies now state in user manuals that wireless products are not safety tested:

"Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices." (Motorola 120-e manual p156).

! And one more concern:

Nobody takes to the consideration that iron/metal is increasing the RF signal.

Practically all neighbours near the cell tower at Al Palladini have an iron fence; iron furniture outside...how about the parking lot (near the school) with 100-150 cars made from metal...what if combine all those factors together? Here is the reply from Mr. Joe Doria, P. Eng. (District Engineer, Toronto District, Spectrum Management Operations Branch, Ontario Region Industry Canada) on July, 2010:

"Generally speaking metallic fences do *not significantly* increase the RF field from typical cellular base stations.." – NOBODY wants to take the responsibility!

"Generally speaking", "not significantly"...that is all they can say.

Clearly, the answer was: "YES, IT DOES INCREASE THE SIGNAL!"

But how much "**not significantly**" is = safe for my child, for child next door, child at Emily Carr school ???

Neither does Health Canada review the safety, nor Industry Canada!

To think we can experiment with our children and hope for the best when top world experts are already warning of the potential hazards is not only irresponsible, it's CRIMINAL!

Invading all open spaces with ever increasing levels of RF microwave radiation must be halted and measures to protect our most vulnerable should be the first steps we take. Why is this so hard to implement when there are

alternatives to use other than this 'likely' carcinogen that would not require sterilizing and possibly causing irreparable damage in our youth?

As a parent I will never consent to this sadistic experiment on my children and will fight it all the way until school officials act with due diligence to protect my children and all children under their watch. And I truly believe you Mr. Mayor and you Mr./Mrs. Councilors and Stakeholders will do the same!

"The City of Vaughan is leading by example..." - and I believe that!

Thank you all in advance for your right decision, thank you for your vote against the cell tower at Al Palladini CC, thank you for protecting our children!

I'm sure, children will be thankful to you too.

Respectfully yours,

Olena Streletska

Islington Woods Resident

(to be added to the Petition signed by 270 people from

Islington Woods & Wycliffe Residences, City of Vaughan, ON)

REFERENCE: <http://www.torontosun.com/2011/07/01/wi-fi-dispute-continues-to-raise-concerns>

http://www.safeschool.ca/Warning_To_School_Board.html

http://www.safeschool.ca/uploads/Magda_Havas_Letter_to_School_Board.pdf

http://www.healthyenvironmentforkids.ca/sites/healthyenvironmentforkids.ca/files/cpche-resources/TPH_RFtechnical_report.pdf

Protect Our Neighborhood and Loved Ones

Say "No" to the CELL PHONE TOWER at AL PALLADINI CENTRE! (Neither existing OR proposed!)

COMMITTEE OF THE WHOLE, MAY 31, 2011

TELECOMMUNICATION FACILITY SITING PROTOCOL
CITY OF VAUGHAN - FILE 15.88
WARDS 1-5:

"...- limiting telecommunication facilities within 500 m of sensitive land uses such as residential areas, schools, daycares, community centres, institutional uses and seniors' residences;..."

ENOUGH IS ENOUGH!

FOR MORE THAN 10 YEARS OUR NEIGHBOURHOOD WAS UNDER THE CELL TOWER RADIATION. NOW IS TIME TO STOP IT! **RE-ALLOCATE THIS TOWER WITHIN A SAFE DISTANCE FROM OUR NEIGHRBOHOOD, AT LEAST 500 METTERS!**

World Health Organization has just recently stated that radiation from cell phones and antennas is a possible 2B carcinogen.

WE MUST PROTECT OUR CHILDREN!

I'M ISLINGTON WOODS RESIDENT SIGNED BELOW AND I'M VOTING AGAINST THE CELL TOWER AT AL PALLADINI CENTRE (neither existing OR proposed!);
pg 1 (5)

	FAMILY NAME	ADDRESS	# RESIDENTS	SIGNATURE
①	STRELETSKY	Islington Woods crt. Woodbridge, ON	2/ (2) * 2 children	[Redacted]
②	TRIOLO	41 ISLINGTON WOODS	4/2 children	[Signature]
③	PREDICHINI	46 ISLINGTON WOODS	4 (2 CHILD)	[Signature]
		TO BE CONTINUED.....		

pg 2 (5)

Say "No" to the CELL PHONE TOWER in our neighborhood!				
I'M ISLINGTON WOODS RESIDENT SIGNED BELOW AND				
I'M VOTING AGAINST THE CELL TOWER AT AL PALLADINI CENTRE:				
(neither existing OR proposed!)				
FAMILY NAME	ADDRESS	# PEOPLE IN THE HOUSE	# OF CHILDREN	SIGNATURE
4) Pop. Tram	30 ISLINGTON WOODS CT.			
5) Ernie Gabbana	5 P.	1		[Signature]
5) Ernie Gabbana	22 Islington Woods Ct	4 people	2 children	[Signature]
6) Anna Ventrella	8 Boyd Meadow Cr.			[Signature]
7) Laurie Bernardi	16 Boyd Meadow Cr.	4 ppl	2 kids	[Signature]
8) CONNIE BERNARDI	30 BOYD MEADOW CR	(4) ppl	2	[Signature]
9) Lidia Cimicata	25 Boyd Meadow Cr		4 ppl - 2 kids	[Signature]
10) JOHN BRUNI	17 BOYD MEADOW CRT		4 2 kids	[Signature]
11) Aldo Marcanthoni	11 Boyd Meadow Cr		# 3	[Signature]
12) AL CRIMMISI	71 ARISIA GATE		3 ppl - 1 kid	[Signature]
13) ROSE DE CARLO	18 Islington Woods Ct	3	2	[Signature]
14) SANTINO SPADAFORA	21a ISLINGTON WOODS CT			[Signature]
15) ROTONDARO	12 BOYD MEADOW	4	2	[Signature]

pg 3 (5)

Say "No" to the CELL PHONE TOWER in our neighborhood!				
I'M ISLINGTON WOODS RESIDENT SIGNED BELOW AND				
I'M VOTING AGAINST THE CELL TOWER AT AL PALLADINI CENTRE:				
<i>(neither existing or proposed!)</i>				
FAMILY NAME	ADDRESS	# PEOPLE IN THE HOUSE	# OF CHILDREN	SIGNATURE
16) FRACASSI, E	1 BOYD MOUNTAIN	4	2	<i>[Signature]</i>
17) F. ROSA	1 PARISTIA GATE	2	0	<i>[Signature]</i>
18) STIARPE	26 ARISTA GATE	4	2	<i>[Signature]</i>
19) MAZZAROLI	35 ARISTA GATE	4	2	<i>[Signature]</i>
20) MARCHESI	30 ARISTA GATE	4	2	<i>[Signature]</i>
21) DELUCA	ARISTA GATE 48 ARISTA GATE 1			<i>[Signature]</i>
22) G. VALLESURO	58 ARISTA GATE	7	2	<i>[Signature]</i>
23) M. DEO CAMP	69 ARISTA GATE		3 (child)	<i>[Signature]</i>
24) C. JALAN	74 ARISTA GATE		2	<i>[Signature]</i>
25) JEAN REMBAZ	82 ARISTA GATE		3	<i>[Signature]</i>
26) A. B. G. K.	88 ARISTA GATE		4	<i>[Signature]</i>

pg 4(5)

Say "No" to the CELL PHONE TOWER in our neighborhood!				
I'M ISLINGTON WOODS RESIDENT SIGNED BELOW AND				
I'M VOTING AGAINST THE CELL TOWER AT AL PALLADINI CENTRE:				
(neither existing OR proposed!)				
FAMILY NAME	ADDRESS	# PEOPLE IN THE HOUSE	# OF CHILDREN	SIGNATURE
27) Deget	82 ARISTA GATE	3	1	Deget
MARSETTI	96 ARISTA GATE	4	2	Marsetti
28)				
29) - Vitali	106 Arista Gate	5	3	Vitali
30) STURINO	116 ARISTAMENTE	2	0	Sturino
31) Nicole	117 ARISTA GATE	2	-	Nicole
32) Martelliani	111 Ansta Gate	2	0	Martelliani
33) DEMARCO	99 ARISTA GATE	4		Demarco
34) Joe Petipas	76 Foxtrail Cres.	4	2	Joe Petipas
35) Jim Garofalo	77 Arista Gate	4	2	Jim Garofalo
36) R. Agostini	65 Ansta Gate	4	2	R. Agostini
37) M. M. Manis	51 Ansta Gate	6	4	M. M. Manis
38) Frank Giordano	10 Foxtrail Cres.	5	3	Frank Giordano

pg 5 (5)

Say "No" to the CELL PHONE TOWER in our neighborhood!

I'M ISLINGTON WOODS RESIDENT SIGNED BELOW AND

I'M VOTING AGAINST THE CELL TOWER AT AL PALLADINI CENTRE:

(neither existing or proposed!)

	FAMILY NAME	ADDRESS	# PEOPLE IN THE HOUSE	# OF CHILDREN	SIGNATURE
(39)	GALATI	22 ARISTA CRT	4	3	[Signature]
(40)	LAURO	1 Woodbridge trail Ct	4	2	[Signature]
(41)	PARISI	12 Islington Woods Ct	4	1	[Signature]
(42)	NIZZONI	40 Islington woods Ct	5	1	[Signature]
(43)	Fiore Elisabetta	50 Islington Woods	2	2	E. Fiore
(44)	MITT, GRACE	2 Boyd Meadow Ct	4	2	[Signature]
(45)	MARINI	22 Boyd Meadow Ct	4	—	[Signature]
* Total # of people (incl. childre)					170
* Total # of children only					69
(46)	Di Mattia	39 Boyd Meadow Ct	5	3	[Signature]

* Total # of people voted : 170
 * Total # of Children : 69

FROM: Islington Woods Residents,
Woodbridge, Ontario

TO: City of Vaughan
Mayor Maurizio Bevilacqua

June 20, 2011

RE: Serious and Well-Founded Concern regarding the Health Risks posed by Exposure to Cell Tower Radiation.
Islington Woods Residents demand to cancel the lease for the cell tower at Al Palladini plaza.

Dear Mr. Bevilacqua:

Adverse health effects of cell tower emissions is a prominent factor of concern for the **Islington Woods Residents group**. We are not alone. Communities and representative assemblies, both national and international, are opposing the locating of cell towers near homes, schools, nurseries, elderly care facilities and other places of long duration habitation citing the growing body of scientific evidence on the adverse health effects of radio-frequency radiation (aka RFR) exposure.

As the most recent example: St. Margaret Mary Church was planning to install cell antennas within a Bell tower which would mean that the antennas would be at eye level to the children of St. Margaret Mary school and within 100m away. The residents of that neighborhood were successful at stopping this installation in January 2011.

In February 2009, the European Parliament passed a resolution by a vote of 559 to 22 against the placement of cell towers near schools, nurseries, retirement homes and health care institutions based upon the current status of science on the matter.

Most recently, in **May 2011**, the Parliamentary Assembly of the Council of Europe called on governments to “take all reasonable measures” to reduce exposure to electromagnetic fields. **This would include siting cell towers at distances no less than 500 m from homes and other dwellings.**

(http://assembly.coe.int/ASP/NewsManager/EMB_NewsManagerView.asp?ID=6685)

(<http://assembly.coe.int/Mainf.asp?link=/Documents/AdoptedText/ta11/ERES1815.htm>)

The Assembly resolved that

“high frequency waves used in the fields of radar, telecommunications and mobile telephony, appear to have more or less potentially harmful, non-thermal, biological effects on plants, insects and animals as well as the human body even when exposed to levels that are below the official threshold values.”

The Assembly went on to state that

“the precautionary principle should be applicable when scientific evaluation does not allow the risk to be determined with sufficient certainty, especially given the context of growing exposure of the population, including particularly vulnerable groups such as young people and children, which could lead to extremely high human and economic costs of inaction if early warnings are neglected.”

The Assembly then brought attention to the lack of meaningful response by governments, regulatory bodies, and the associated industries by saying

“despite calls for the respect of the precautionary principle and despite all the recommendations, declarations and a number of statutory and legislative advances, there is still a lack of reaction to known or emerging environmental and health risks and virtually systematic delays in adopting and implementing effective preventive measures. Waiting for high levels of scientific and clinical proof before taking action to prevent well-known risks can lead to very high health and economic costs, as was the case with asbestos, leaded petrol and tobacco.”

The Assembly also pointed out the problems of obtaining credible and accurate scientific studies on the health effects of RFR exposure via investigations done or sponsored by industry, where obvious conflict-of-interest exists, testifying that

“the problem of electromagnetic fields or waves and the potential consequences for the environment and health has clear parallels with other current issues, such as the licensing of medication, chemicals, pesticides, heavy metals or genetically modified organisms. It therefore highlights that the issue of independence and credibility of scientific expertise is crucial to accomplish a transparent and balanced assessment of potential negative impacts on the environment and human health.”

At the end of the Assembly’s resolution, specific direction was given with respect to protecting children, stating the need for

“targeted information campaigns aimed at teachers, parents and children to alert them to the specific risks of early, ill-considered and prolonged use of cell phones and other devices emitting microwaves” (which includes exposure to cell tower radiation).

The Assembly also stated the need for being stringent in the siting of cell towers, emphasizing that in the planning of tower locations, determinations should not be made

“solely according to the operators’ interests but in consultation with local and regional government officials, local residents and associations of concerned citizens.”

Cell towers radiate 24 hours a day, 7 days a week, so no one in their proximity has any choice about being irradiated by their emissions.

The neighborhood around the existing/proposed **Al Palladini** site is home to many families with children and elderly persons. People at these ages are considered to be at higher risk for health problems from cell tower radiation than the average adult.

We are, **the Islington Woods Residents**, consider the health of our families and neighbors just as important as that of our community schools and care centers and don’t want to be put at risk for corporate convenience.

Arguments continue to be cited contending that the allowed power output from a cell tower is considered safe by **Safety Code 6** guidelines which is not a health science organization and has not actually done any research to validate the safety of its exposure standards.

Instead, it has relied on standards developed **decades ago**.

These standards, though better than no standards at all, are based on antiquated ideas that are greatly in need of revision in order to reflect modern scientific knowledge.

For example, a compilation and analysis of over 150 studies into the health effects of cell tower emissions entitled “*Biological Effects from Exposure to Electromagnetic Radiation Emitted by Cell Tower Base Stations and Other Antenna Arrays*”, published in May 2010 in Volume 18 of the science journal Environmental Reviews (<http://er.nrc.ca>), and a collection of research published in November 2010 by the International Commission for Electromagnetic Safety in the monograph “*Non-Thermal Effects and Mechanisms of Interaction Between Electromagnetic Fields and Living Matter*” (<http://www.icems.eu/papers.htm>) are only some of the most recent findings that serve to underscore the inadequate level of protection afforded by federal guidelines with respect to the emissions of cell towers and related transmission facilities.

Even with this, the telecom industry still continues to claim that radio-frequency radiation exposure poses no health risks.

However, on May 31, 2011, the International Agency for Research on Cancer, an arm of the World Health Organization (aka the WHO), determined radio-frequency radiation to be a possible human carcinogen, classifying it as a **Group 2B** hazard like lead, gasoline engine exhaust, and chloroform. This is a highly significant declaration given the level of political activity and industry influence existing within the WHO.

However, with the now critical level of evidence concerning health risks from radio-frequency radiation, it is now irrefutably vital and incumbent that communities and governments take sincerely into account the seriousness of the health effects of RFR on the human population by taking greater protective measures against exposure to it and not wait for long-needed improvements to obsolete exposure guidelines.

The Canadian Cancer Society mobilizes **Canadians to create social and political change** to help control cancer in Canada and to create environments to reduce people’s risk of cancer. They are involved in a wide range of issues that span all aspects of cancer control and prioritizing the issues we address is a very important part of advocacy efforts.

In May 31, 2011 City council approved a Task Force to review and recommend changes to the city's existing telecommunication's protocol:

COMMITTEE OF THE WHOLE MAY 31, 2011
TELECOMMUNICATION FACILITY SITING PROTOCOL
CITY OF VAUGHAN - FILE 15.88
WARDS 1-5

“... Consideration should be given to the following sustainable practices in developing a new Telecommunication Facility Siting Protocol:
i) use of existing telecommunication and antenna infrastructure wherever possible, including modifying or replacing existing towers;
ii) encouraging co-location of telecommunication facilities in industrial or commercial zones; and,
iii) **discouraging new telecommunication tower and antenna facilities from locating near sensitive land uses to be determined through the study....”**

“...limiting telecommunication facilities within 500 m of sensitive land uses such as residential areas, schools, daycares, community centres, institutional uses and seniors’ residences;...”

We are, the Islington Woods Residents, hope that this testimony will be given the respectful and responsible consideration it deserves so that the cell tower will not be sited at the existing/proposed location so very close to our homes, thereby keeping our families, our children safe.

We demand to cancel the lease for the cell tower at Al Palladini plaza.

We are also note it is the responsibility of our elected representatives and government to place the citizenry’s interest first, not mechanically apply laws or overlook established neighborhood standards for the sake of business interests or civil process convenience over that of public safety, especially in matters as important as children’s and families’ health.

Please find the attached petition from Islington Woods Residents :

- 46 houses signed this document;
- 170 people voted against the Cell Tower;
- over than **69 children** live with 50-150m distance from the Cell Tower (existing and proposed !).

Islington Woods Residents
(46 houses as per attachment)

pg 1

PROTECT OUR NEIGHBORHOOD AND LOVED ONES !

**SAY “ NO! “ TO THE CELL TOWER AT AL
PALLADINI CENTRE !
(NEITHER EXISTING OR PROPOSED !)**

COMMITTEE OF THE WHOLE MAY 31, 2011

TELECOMMUNICATION FACILITY SITING PROTOCOL
CITY OF VAUGHAN - FILE 15.88
WARDS 1-5

“...limiting telecommunication facilities within 500 m of sensitive land uses such as residential areas, schools, daycares, community centres, institutional uses and seniors’ residences...”

ENOUGH IS ENOUGH !

**FOR MORE THAN 10 YEARS OUR NEIGHBOURHOOD
WAS UNDER THE CELL TOWER RADIATION. NOW IS
TIME TO STOP IT !
RE-ALLOCATE THIS TOWER WITHIN A SAFE DISTANCE
FROM OUR HOMES, AT LEAST 500 METERS AWAY!**

May 31, 2011, the International Agency for Research on Cancer, an arm of the World Health Organization (aka the WHO), determined radio-frequency radiation to be a possible human carcinogen, classifying it as a **Group 2B hazard !**

WE MUST PROTECT CHILDREN !

I'm *Wycliffe Resident* signed below on behalf of my Family voting against the Cell Tower at AL PALLADINI CENTRE (neither existing or proposed) :

pyl

SAY "NO!" TO THE CELL TOWER AT AL PALLADINI CENTRE !

I'm *Wycliffe Resident*, Resident signed below on behalf of my Family

voting against the Cell Tower at AL PALLADINI CENTRE (neither existing or proposed) :

	FAMILY'S NAME	ADDRESS	# PEOPLE	# CHILDREN	SIGNATURE
17	<i>Pizzana</i>	<i>1 Humbewood GATE</i>	<i>4</i>	<i>2</i>	<i>[Signature]</i>
6	<i>Arbitrio</i>	<i>23 Humbewood Gate</i>	<i>4</i>		<i>[Signature]</i>
3	<i>PROVENZANO</i>	<i>25 AL-FERACOVITTA</i>	<i>6</i>	<i>3</i>	<i>[Signature]</i>
9	<i>Palma</i>	<i>13 ALTERRA</i>	<i>4</i>	<i>1</i>	<i>[Signature]</i>
5	<i>DAROS</i>	<i>18 Alterra</i>	<i>4</i>	<i>2</i>	<i>[Signature]</i>
6	<i>FURFARO</i>	<i>14 Alterra</i>	<i>5</i>	<i>4</i>	<i>[Signature]</i>
3	<i>Kamerlengo</i>	<i>7 Alterra</i>	<i>2</i>	<i>0</i>	<i>[Signature]</i>
8	<i>Ienna</i>	<i>89 Humbewood Gate</i>	<i>3</i>	<i>2</i>	<i>[Signature]</i>
4	<i>Angelo</i>	<i>Forgione</i>	<i>4</i>	<i>2</i>	<i>[Signature]</i>
	<i>Pete</i>	<i>97 Humbewood Gate</i>			
10	<i>Ricchio</i>	<i>101 Humbewood Gate</i>	<i>4</i>	<i>0</i>	<i>[Signature]</i>
11	<i>MASOLID</i>	<i>105 HUMERWOOD GATE</i>	<i>5</i>	<i>2</i>	<i>masolid/m.yard</i>
12	<i>CAVALIERE</i>	<i>86 HUMBWOOD GATE</i>	<i>2</i>	<i>0</i>	<i>[Signature]</i>
13	<i>MUSCATELLO</i>	<i>84 HUMBWOOD GATE</i>	<i>4</i>	<i>0</i>	<i>[Signature]</i>
4	<i>GIORGIO FROMATARO</i>	<i>54 HUMBWOOD GATE</i>	<i>2</i>	<i>0</i>	<i>[Signature]</i>
5	<i>PAUL BORRELLI</i>	<i>50 Humbewood Gate</i>	<i>2</i>	<i>2</i>	<i>[Signature]</i>

pg 3

SAY " NO! " TO THE CELL TOWER AT AL PALLADINI CENTRE !

I'm Wycliffe Resident signed below on behalf of my Family

voting against the Cell Tower at AL PALLADINI CENTRE (neither existing or proposed) :

FAMILY'S NAME	ADDRESS	# PEOPLE	# CHILDREN	SIGNATURE
① GIACALON	42 Humberwood way	⑥	2	<i>[Signature]</i>
② MARIANI	38 Humberwood Gate	④	2	<i>[Signature]</i>
Total # of people = 64				
# Children only = 19				

SAY " NO! " TO THE CELL TOWER AT AL PALLADINI CENTRE !

I'm Islington Woods Resident signed below on behalf of my Family

voting against the Cell Tower at AL PALLADINI CENTRE (neither existing or proposed) :

	FAMILY'S NAME	ADDRESS	# PEOPLE	# CHILDREN	SIGNATURE
47	MICK TORRES Constance Chillo	45 Foxtrail Cres Woodbridge	2		<i>Mick Torres</i>
48	Gene Silverstone Lucy Sporn	50 Foxtrail Cres.	4	2	<i>Gene Silverstone</i>
49	Nadia Profitti Phil Profitti	58 Foxtrail Cres	4		<i>Profitti</i>
50	Marsie Fracassi-DeGobba	27 Foxtrail Cres Woodbridge, Ont L4L 9H8	4	2	<i>Marsie Fracassi</i>
51	GRACE LECCO	24 Foxtrail Cres Woodbridge, Ont	2	1	<i>Grace Lecco</i>
52	Sandra DeCane	51 Foxtrail Cres Woodbridge Ont	2	2	<i>Sandra DeCane</i>
53	Domenic Guida	41 Foxtrail Cres	4	1	<i>Domenic Guida</i>
54	Mario Bartella	38 Foxtrail Cres	4	2	<i>Mario Bartella</i>
55	Vanilla Senef MIKE SCRATTO	62 FOXTRAIL CR.	2		<i>Vanilla Senef</i>
56	ROBERTA + MICHAEL BURDI	54 FOXTRAIL CRES	2	4	<i>Robur</i>
57	DEANIS + Beverly Baldazzi	66 Foxtrail Cres.	2	2	<i>Deanis</i>
58	GRECO	32 Foxtrail Cres.	4	2	<i>Greco</i>
59					
60					
61					
62					



Tony Carella
Councillor
Ward 2

June 29, 2011

Dear Islington Woods Resident:

A little over a week ago, on June 21, 2011, I received a petition signed by a number of residents of Islington Woods, asking that the City not permit any telecommunications tower at the Al Palladini Community Centre (APCC). Given the nature, and particularly the timing, of this petition, I thought it appropriate to bring you up to date on the history of this matter.

About four years ago I became aware of the desire of the residents of Islington Woods to see the removal of the existing tower, on City-owned land a few meters from the northern limit of the subdivision. As the tower was the subject of a ten year lease, I promised that I would take advantage of the upcoming end of the term of the lease to see it removed. Following discussions with Rogers, the leasee, it was agreed that the existing tower would be decommissioned, and replaced with a, slimmer, flag-pole style tower on the north side of APCC ---much like the one in Boyd Park, near the intersection of Islington and Kiloran Avenues. The local neighbourhood was informed of this development, and invited by mail to a public information session, held on March 31, 2010 by Rogers, at APCC. Rogers and City staff were on hand to explain the move and answer any questions.

Subsequently, earlier this year the City received four additional applications to erect towers in industrial areas in various part of Vaughan. At the request of some residents, all applications were placed on hold for a time (though each was subsequently approved). However, at the same meeting at which these applications were deferred, Council---knowing of the desire of the residents of Islington Woods to see the existing tower removed---voted to approve a new lease, which was executed by both parties on May 24.

Thus, whatever the merit of the petition, nothing can be done about the new tower at this time. You should be aware that the new tower will be constructed and commissioned before the existing tower is decommissioned and removed. It is my understanding that a construction schedule will be filed in the next two weeks, meaning that both jobs should be completed in short order.

Should you require any additional information, please feel free to contact me any time.

Yours truly,

Tony Carella, FRSA, Councillor - Ward 2 / Woodbridge West

**TELE. TASK FORCE
COMMUNICATION**

C2

Date:

Magnifico, Rose

Subject: Notice of Communications Tower at 2316 Major Mackenzie Drive

Attachments: Cell Tower MCNE - Letter to City of Vaughan.pdf; WHO statement on RF.pdf

From: Von Chaleunsouk-Marsden ND [mailto:von.c-marsden@mcne.ca]

Sent: Tuesday, September 20, 2011 10:02 AM

To: Carella, Tony; Schulte, Deb; Rosati, Gino; Di Biase, Michael; maurizio.bevilaqua@vaughan.ca; Racco, Sandra; Iafrate, Marilyn; DeFrancesca, Rosanna; Shefman, Alan; Abrams, Jeffrey

Subject: Notice of Communications Tower at 2316 Major Mackenzie Drive

Good Morning Honourable Mayor, Regional and Local Councillors and City Clerk,

We received a notice about a cell tower installation next door to our clinic. I have a letter and an attachment that I would please ask you to read. We obviously have concerns about the proximity of this tower, and how this will impact our clinic, our patients, and our local community.

We would like to ask that the City of Vaughan deny this application.

If you have any questions please contact me.

In Health,
Von



Marsden Centre
of Naturopathic
Excellence

Von Chaleunsouk-Marsden BSc. ND
Naturopathic Doctor/Assistant Director for Clinical Services
2338 Major Mackenzie Drive
Maple, ON L6A 3Y7
T.: 905.508.4498 F.:905.508.4827
www.mcne.ca

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender immediately and delete the material from any computer, including any attachments, without making a copy.



Marsden Centre
of Naturopathic
Excellence

September 19th, 2011

RE: Public Mobile Telecommunications Tower Installation
2316 Major Mackenzie Drive
Maple, ON

Dear Honourable Mayor, Local and Regional Councillors,

My name is Von Chaleunsouk-Marsden. I am a naturopathic doctor and Assistant Clinic Director at the Marsden Centre of Naturopathic Excellence, located at 2338 Major Mackenzie Drive. Our clinic specializes in Integrative Cancer Care and Environmental Medicine. I had attended a Committee of the Whole meeting on March 29, 2011 and put forth a deputation regarding the telecommunications siting protocol.

I received a notice late last week that informed the local businesses of a cell phone/communications tower that will be installed in the neighbouring parking lot, just metres from our clinic. We are extremely concerned about the health impact that this tower will have on our patients, the residences and the people working in the plazas, and are prepared to take action.

We understand that Public Mobile will ensure that the radiation coming off the tower will be well below federal guidelines. However, these standards have not been updated since 1976, and were created to protect individuals from a 6-minute (acute) exposure that can cause "burning" or heating of the tissue. It is not reflective of the long-term chronic exposure in which the public now lives.

The telecommunications infrastructure and network is still relatively young – less than 15 years old, and some of the health consequences, especially on our young population will take decades to be realized. Furthermore, there have been **no long-term safety studies** that demonstrate that this technology is safe.

As I have provided a highlight of health effects in my deputation, along with the detailed research outlined in the BioInitiative Report 2007, I don't want to bore you with this information again. However, I have attached a statement made by the World Health Organization (WHO) and the International Agency for Research on Cancer (IARC) from May 31, 2011, declaring radiofrequency (RF) radiation as a Class 2B – Possible Carcinogen, based on the increased risk for gliomas (a type of brain cancer).

We are asking that you DENY the application for the installation of this communications tower based on:

- **The distance of the tower being less than 500m from residences, healthcare facilities, and childcare facilities**
- **Preserving the character of Maple's "Heritage" area**

Marsden Centre of Naturopathic Excellence, 2338 Major Mackenzie Drive, Maple, ON L6A 3Y7
Phone: 905-508-4498 Fax: 905-508-4827 Email: info@mcne.ca Website: www.mcne.ca



Marsden Centre
of Naturopathic
Excellence

We have over 1000 active patients who come to our clinic with some form of Environmental Illness. We have hundreds of patients who are electrically sensitive, and hundreds more cancer patients who believe that RF radiation is a contributing factor in their disease. We have already engaged many of these patients on this issue.

We have approached community leaders, local businesses, the rest of the community residences, and the Vaughan Citizen to inform them of this potential installation. We have also prepared a petition to be circulated within the local community.

We know that Public Mobile will move forward rapidly. If you have any questions, or would like to meet, I will ensure that I am available.

In Health,

Von Chaleunsouk-Marsden BSc. ND



IARC CLASSIFIES RADIOFREQUENCY ELECTROMAGNETIC FIELDS AS POSSIBLY CARCINOGENIC TO HUMANS

Lyon, France, May 31, 2011 -- The WHO/International Agency for Research on Cancer (IARC) has classified radiofrequency electromagnetic fields as **possibly carcinogenic to humans (Group 2B)**, based on an increased risk for **glioma**, a malignant type of brain cancer¹, associated with wireless phone use.

Background

Over the last few years, there has been mounting concern about the possibility of adverse health effects resulting from exposure to radiofrequency electromagnetic fields, such as those emitted by wireless communication devices. The number of mobile phone subscriptions is estimated at **5 billion globally**.

From **May 24–31 2011, a Working Group of 31 scientists from 14 countries has been meeting at IARC in Lyon, France, to assess the potential carcinogenic hazards from exposure to radiofrequency electromagnetic fields**. These assessments will be published as Volume 102 of the IARC *Monographs*, which will be the fifth volume in this series to focus on physical agents, after **Volume 55** (Solar Radiation), **Volume 75** and **Volume 78** on ionizing radiation (X-rays, gamma-rays, neutrons, radio-nuclides), and **Volume 80 on non-ionizing radiation (extremely low-frequency electromagnetic fields)**.

The IARC Monograph Working Group discussed the possibility that these exposures might induce long-term health effects, in particular an increased risk for cancer. This has relevance for public health, particularly for users of mobile phones, as the number of users is large and growing, particularly among young adults and children.

The IARC Monograph Working Group discussed and evaluated the available literature on the following exposure categories involving radiofrequency electromagnetic fields:

- occupational exposures to radar and to microwaves;
- environmental exposures associated with transmission of signals for radio, television and wireless telecommunication; and
- personal exposures associated with the use of wireless telephones.

International experts shared the complex task of tackling the **exposure data**, the **studies of cancer in humans**, the **studies of cancer in experimental animals**, and the **mechanistic and other relevant data**.

¹ **237 913 new cases of brain cancers** (all types combined) occurred around the world in 2008 (gliomas represent 2/3 of these). Source: **Globocan 2008**

IARC CLASSIFIES RADIOFREQUENCY ELECTROMAGNETIC FIELDS AS POSSIBLY CARCINOGENIC TO HUMANS

Results

The evidence was reviewed critically, and overall evaluated as being *limited*² among users of wireless telephones for glioma and acoustic neuroma, and *inadequate*³ to draw conclusions for other types of cancers. The evidence from the occupational and environmental exposures mentioned above was similarly judged inadequate. The Working Group did not quantitate the risk; however, one study of past cell phone use (up to the year 2004), showed a 40% increased risk for gliomas in the highest category of heavy users (reported average: 30 minutes per day over a 10-year period).

Conclusions

Dr Jonathan Samet (University of Southern California, USA), overall Chairman of the Working Group, indicated that "the evidence, while still accumulating, is strong enough to support a conclusion and the **2B classification**. The conclusion means that there could be some risk, and therefore we need to keep a close watch for a link between cell phones and cancer risk."

"Given the potential consequences for public health of this classification and findings," said IARC Director Christopher Wild, "it is important that additional research be conducted into the long-term, heavy use of mobile phones. Pending the availability of such information, it is important to take pragmatic measures to reduce exposure such as hands-free devices or texting. "

The Working Group considered hundreds of scientific articles; the complete list will be published in the Monograph. It is noteworthy to mention that several recent in-press scientific articles⁴ resulting from the **Interphone study** were made available to the working group shortly before it was due to convene, reflecting their acceptance for publication at that time, and were included in the evaluation.

A concise report summarizing the main conclusions of the IARC Working Group and the evaluations of the carcinogenic hazard from radiofrequency electromagnetic fields (including the use of mobile telephones) will be published in **The Lancet Oncology** in its July 1 issue, and in a few days online.

² **'Limited evidence of carcinogenicity'**: A positive association has been observed between exposure to the agent and cancer for which a causal interpretation is considered by the Working Group to be credible, but chance, bias or confounding could not be ruled out with reasonable confidence.

³ **'Inadequate evidence of carcinogenicity'**: The available studies are of insufficient quality, consistency or statistical power to permit a conclusion regarding the presence or absence of a causal association between exposure and cancer, or no data on cancer in humans are available.

⁴ a. 'Acoustic neuroma risk in relation to mobile telephone use: results of the INTERPHONE international case-control study' (the Interphone Study Group, in *Cancer Epidemiology, in press*)

b. 'Estimation of RF energy absorbed in the brain from mobile phones in the Interphone study' (Cardis et al., *Occupational and Environmental Medicine, in press*)

c. 'Risk of brain tumours in relation to estimated RF dose from mobile phones – results from five Interphone countries' (Cardis et al., *Occupational and Environmental Medicine, in press*)

d. 'Location of Gliomas in Relation to Mobile Telephone Use: A Case-Case and Case-Specular Analysis' (*American Journal of Epidemiology*, May 24, 2011. [Epub ahead of print].

IARC CLASSIFIES RADIOFREQUENCY ELECTROMAGNETIC FIELDS AS POSSIBLY CARCINOGENIC TO HUMANS

For more information, please contact

Dr Kurt Straif, IARC Monographs Section, at +33 472 738 511, or straif@iarc.fr; Dr Robert Baan, IARC Monographs Section, at +33 472 738 659, or baan@iarc.fr; or Nicolas Gaudin, IARC Communications Group, at com@iarc.fr (+33 472 738 478)

Link to the audio file posted shortly after the briefing:

http://terrance.who.int/mediacentre/audio/press_briefings/

About IARC

The International Agency for Research on Cancer (IARC) is part of the World Health Organization. Its mission is to coordinate and conduct research on the causes of human cancer, the mechanisms of carcinogenesis, and to develop scientific strategies for cancer control. The Agency is involved in both epidemiological and laboratory research and disseminates scientific information through publications, meetings, courses, and fellowships.

If you wish your name to be removed from our press release e-mailing list, please write to com@iarc.fr.

Nicolas Gaudin, Ph.D.

Head, IARC Communications

International Agency for Research on Cancer

World Health Organization

150, cours Albert-Thomas

69008 Lyon

France

Email com@iarc.fr

<http://www.iarc.fr/>

IARC CLASSIFIES RADIOFREQUENCY ELECTROMAGNETIC FIELDS AS POSSIBLY CARCINOGENIC TO HUMANS

ABOUT THE IARC MONOGRAPHS

What are the IARC Monographs?

The IARC Monographs identify environmental factors that can increase the risk of human cancer. These include chemicals, complex mixtures, occupational exposures, physical and biological agents, and lifestyle factors. National health agencies use this information as scientific support for their actions to prevent exposure to potential carcinogens. Interdisciplinary working groups of expert scientists review the published studies and evaluate the weight of the evidence that an agent can increase the risk of cancer. The principles, procedures, and scientific criteria that guide the evaluations are described in the Preamble to the IARC Monographs.

Since 1971, more than 900 agents have been evaluated, of which approximately 400 have been identified as **carcinogenic or potentially carcinogenic** to humans.

Definitions

Group 1: The agent is *carcinogenic to humans*.

This category is used when there is *sufficient evidence of carcinogenicity* in humans. Exceptionally, an agent may be placed in this category when evidence of carcinogenicity in humans is less than *sufficient* but there is *sufficient evidence of carcinogenicity* in experimental animals and strong evidence in exposed humans that the agent acts through a relevant mechanism of carcinogenicity.

Group 2.

This category includes agents for which, at one extreme, the degree of evidence of carcinogenicity in humans is almost *sufficient*, as well as those for which, at the other extreme, there are no human data but for which there is evidence of carcinogenicity in experimental animals. Agents are assigned to either Group 2A (*probably carcinogenic to humans*) or Group 2B (*possibly carcinogenic to humans*) on the basis of epidemiological and experimental evidence of carcinogenicity and mechanistic and other relevant data. The terms *probably carcinogenic* and *possibly carcinogenic* have no quantitative significance and are used simply as descriptors of different levels of evidence of human carcinogenicity, with *probably carcinogenic* signifying a higher level of evidence than *possibly carcinogenic*.

Group 2A: The agent is *probably carcinogenic to humans*.

This category is used when there is *limited evidence of carcinogenicity* in humans and *sufficient evidence of carcinogenicity* in experimental animals. In some cases, an agent may be classified in this category when there is *inadequate evidence of carcinogenicity* in humans and *sufficient evidence of carcinogenicity* in experimental animals and strong evidence that the carcinogenesis is mediated by a mechanism that also operates in humans. Exceptionally, an agent may be classified in this category solely on the basis of *limited evidence of carcinogenicity* in humans. An agent may be assigned to this category if it clearly belongs, based on mechanistic considerations, to a class of agents for which one or more members have been classified in Group 1 or Group 2A.

IARC CLASSIFIES RADIOFREQUENCY ELECTROMAGNETIC FIELDS AS POSSIBLY CARCINOGENIC TO HUMANS

Group 2B: The agent is possibly carcinogenic to humans.

This category is used for agents for which there is *limited evidence of carcinogenicity* in humans and less than *sufficient evidence of carcinogenicity* in experimental animals. It may also be used when there is *inadequate evidence of carcinogenicity* in humans but there is *sufficient evidence of carcinogenicity* in experimental animals. In some instances, an agent for which there is *inadequate evidence of carcinogenicity* in humans and less than *sufficient evidence of carcinogenicity* in experimental animals together with supporting evidence from mechanistic and other relevant data may be placed in this group. An agent may be classified in this category solely on the basis of strong evidence from mechanistic and other relevant data.

Group 3: The agent is not classifiable as to its carcinogenicity to humans.

This category is used most commonly for agents for which the evidence of carcinogenicity is *inadequate* in humans and *inadequate* or *limited* in experimental animals.

Exceptionally, agents for which the evidence of carcinogenicity is *inadequate* in humans but *sufficient* in experimental animals may be placed in this category when there is strong evidence that the mechanism of carcinogenicity in experimental animals does not operate in humans.

Agents that do not fall into any other group are also placed in this category.

An evaluation in Group 3 is not a determination of non-carcinogenicity or overall safety. It often means that further research is needed, especially when exposures are widespread or the cancer data are consistent with differing interpretations.

Group 4: The agent is probably not carcinogenic to humans.

This category is used for agents for which there is *evidence suggesting lack of carcinogenicity* in humans and in experimental animals. In some instances, agents for which there is *inadequate evidence of carcinogenicity* in humans but *evidence suggesting lack of carcinogenicity* in experimental animals, consistently and strongly supported by a broad range of mechanistic and other relevant data, may be classified in this group.

Definitions of evidence, as used in IARC Monographs for studies in humans

The evidence relevant to carcinogenicity from studies in humans is classified into one of the following categories:

Sufficient evidence of carcinogenicity: The Working Group considers that a causal relationship has been established between exposure to the agent and human cancer. That is, a positive relationship has been observed between the exposure and cancer in studies in which chance, bias and confounding could be ruled out with reasonable confidence. A statement that there is *sufficient evidence* is followed by a separate sentence that identifies the target organ(s) or tissue(s) where an increased risk of cancer was observed in humans. Identification of a specific target organ or tissue does not preclude the possibility that the agent may cause cancer at other sites.

IARC CLASSIFIES RADIOFREQUENCY ELECTROMAGNETIC FIELDS AS POSSIBLY CARCINOGENIC TO HUMANS

Limited evidence of carcinogenicity: A positive association has been observed between exposure to the agent and cancer for which a causal interpretation is considered by the Working Group to be credible, but chance, bias or confounding could not be ruled out with reasonable confidence.

Inadequate evidence of carcinogenicity: The available studies are of insufficient quality, consistency or statistical power to permit a conclusion regarding the presence or absence of a causal association between exposure and cancer, or no data on cancer in humans are available.

Evidence suggesting lack of carcinogenicity: There are several adequate studies covering the full range of levels of exposure that humans are known to encounter, which are mutually consistent in not showing a positive association between exposure to the agent and any studied cancer at any observed level of exposure. The results from these studies alone or combined should have narrow confidence intervals with an upper limit close to the null value (e.g. a relative risk of 1.0). Bias and confounding should be ruled out with reasonable confidence, and the studies should have an adequate length of follow-up. A conclusion of *evidence suggesting lack of carcinogenicity* is inevitably limited to the cancer sites, conditions and levels of exposure, and length of observation covered by the available studies. In addition, the possibility of a very small risk at the levels of exposure studied can never be excluded.

In some instances, the above categories may be used to classify the degree of evidence related to carcinogenicity in specific organs or tissues.

Hardychuk, Gloria

Subject: Children at risk !

**TELE. TASK FORCE
COMMUNICATION**

C3

Date:

From: Lena Streletska [REDACTED]

Sent: Thursday, September 15, 2011 1:05 PM

To: Schulte, Deb; fantij@parl.gc.ca; Rosati, Gino; helen.doyle@york.ca; Industry Canada; info@hc-sc.gc.ca; joe.doria@ic.gc.ca; joe.lamarca@york.ca; Ciafardoni, Joy; julian.fantino@parl.gc.ca; karim.kurji@york.ca; lakem@parl.gc.ca; Iafrate, Marilyn; Bevilacqua, Maurizio; Di Biase, Michael; Mrs. V. Campoli; mosst.industry@ic.gc.ca; DeFrancesca, Rosanna; Racco, Sandra; Carella, Tony; Pam - Emily Carr Parents; Abrams, Jeffrey; Clerks@vaughan.ca; ccu.moh@ontario.ca; Shefman, Alan

Subject: Children at risk !

http://www.safeschool.ca/Health_Canada.html:

No safe levels of **microwave radiation** for children have been established anywhere in the world. That's because children are understood to be the most vulnerable and there are no safety studies on WiFi and children:

"There have been no studies exposing children to WiFi (*How about the cell tower within 50 meters away!?*) for 6 hours a day" (...and + 14 hrs at home, like our children, who lives within 50-150 meters from the cell tower !!! (O.S.))

A.Thansandote, Head of Electromagnetic Research Health Canada

There are no safety studies on **microwave radiation** and children and yet Governments and Directors of School Boards tell us WiFi /CELL TOWERS are "safe" according to Health Canada. Why?

It is a word game. The word SAFE as a trusting parent understands the word means it will not alter your child's health. "Safe" according to Health Canada only means **the microwaves will not heat your skin in six minutes.**

Health Canada has a "regulatory guideline" called Safety Code 6. It was written in the 1970's when the only real concern was microwave ovens. The Safety Code states that if the microwaves don't heat your skin in six minutes, or begin to cook you, then they're not harmful. This is called the "thermal effect".

But scientists for decades have proved that microwaves can cause serious biological changes at "non-thermal" levels. The early work of Dr. Alan Frey showed he could induce cardiac arrest in laboratory animals simply by exposing them to low levels of microwaves.

Safety Code 6 (1999-2009) warns about the health problems some people will experience: **"Certain members of the general public may be more susceptible to harm from microwave exposure."** (p11). WiFi should never be used in public schools **because some children will be more harmed than others** suffering headaches, nausea, radically altered heart rates, rashes and weakness. This warning from page 11 was mysteriously erased from the Safety Code in October of 2009.

A key American scientist who was asked by the Canadian government to review Safety Code 6 when it was initially written recently spoke to Rodney Palmer of the Safe School Committee. Dr. Glaser (Phd) is the former head of the U.S. Navy Microwave Laboratory and now with the FDA. When Dr. Glasser learned that Health Canada assured Canadians microwave radiation from WiFi is "safe" for children he said they're wrong:

9/16/2011

"They're either giving you partial information, or they're giving you misinformation. Because there is scientific consensus that microwaves cause biological effects. There is scientific consensus that children are more vulnerable. And there is no evidence whatsoever that it is safe for children. That is no foundation on which to declare something is safe."

The "safety" code was designed before cell phones, before WiFi and before anyone dreamed that governments and school board's would impose mandatory exposure of children to pulsed microwaves. Dr. Glaser says when the code was written, the "safe" level was allowed to be dangerously high to accommodate military technology. Nobody expected that decades later the same code would be used to justify the irradiation of kids in their classes. After all, even by the 1970's it was scientifically established that microwave energy could cause serious illness.

During his many years as head of the Microwave Lab for the American Navy, Dr. Glaser collected every study from around the world on the biological changes from microwave and RF exposure. His work culminated in a collection of 2300 papers and reports. [Click here to review the Naval report on the Biological Effects Attributed to Microwave Radiation \(1972\).](#) The index of biological changes is on page 7.

Despite the established health effects, wireless companies were granted special privileges to sell their products without safety testing. And this is the essence of the problem. Wireless technology is not SAFE in the way a trusting parent understand the word, and it is not safety tested. To avoid liability, telecom companies now state in user manuals that wireless products are not safety tested:

"Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices." (Motorola 120-e manual p156)

Neither does Health Canada review the safety, nor Industry Canada, nor the Provincial governments, nor your School Board. Nobody does. And when studies find damage to the blood-brain barrier or to sperm --- it is within four hours, less than a day at school.

TELE. TASK FORCE
COMMUNICATION

C4

Date:

Hardychuk, Gloria

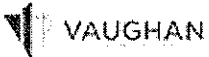
From: Bonsignore, Connie on behalf of Clerks@vaughan.ca
Sent: Friday, September 09, 2011 4:04 PM
To: Hardychuk, Gloria
Subject: FW: Wi Fi Removed from Ontario School
Attachments: Wi-Fi removed from ontario School.doc

Gloria:

This is another one.

Connie Bonsignore

Administrative Assistant
Office of the City Clerk
Telephone: (905) 832-8585 Ext. 8280
Email Address: connie.bonsignore@vaughan.ca



From: Lena Streletska [REDACTED]
Sent: Friday, September 09, 2011 12:07 PM
To: Schulte, Deb; Pam - Emily Carr Parents; Mrs. V. Campoli; Carella, Tony; tina.catalano@sympatico.ca; stclair@telus.net; Clerks@vaughan.ca; karim.kurji@york.ca; Abrams, Jeffrey
Subject: Wi Fi Removed from Ontario School

Please find the attachment...

Thank you.
Olana Streletska

W.E.E.P. News
Wireless Electrical and Electromagnetic Pollution News
9 September 2011

Wi Fi Removed from Ontario School

A private school in Collingwood, Ontario has removed Wi-Fi and has installed wired technology. This is excellent news. I wish other schools would follow their lead. I understand that the teachers in the school are grateful as are the parents that their children are NOT going to be exposed to microwave radiation, a possible carcinogen.

I find it fascinating that the **public school system** is promoting Wi-Fi, refuses to listen to parents, silences teachers, ignores the research, and can't get Wi-Fi installed fast enough, even though many of these schools already have a wired system, so the Wi-Fi is redundant. It seems that they were allotted money for this (money that can't be used for anything else) and every school is following like sheep to the slaughter.

Several **private schools**, in contrast, are either not installing Wi-Fi or are removing it because of health concerns. I certainly know which school I would want my children to attend. It is a no brainer. I expect these private schools are also teaching their students to think independently, to question authority, to believe in their own convictions and not be lead down the garden path. If public schools are teaching independent thinking, they are certainly not walking their talk.

Hear the hour-long interview and phone-in at this link:

*** Also see news report on CTV ***

Ontario school cuts Wi-Fi over safety concerns

<http://www.ctv.ca/CTVNews/SciTech/20110908/ontario-school-cuts-wi-fi-health-concern-110908/>

Thursday Sep. 8, 2011

A private school in Ontario has cut its wireless Internet network over concerns that the technology causes health issues in students.

Pretty River Academy in Collingwood, Ont., a private school with 150 students attending kindergarten to Grade 12, is the first Ontario school to remove Wi-Fi from campus.

The school's old Wi-Fi system was taken out over the summer and replaced with Ethernet connections ahead of the first day of the school year.

In May the World Health Organization said radio frequency radiation from WiFi and cell phones posed a similar health threat to DDT, lead and car exhaust.

Principal Roberta Murray-Hirst says the new hard-wired Internet system is actually faster than their previous system and gives teachers control over when students can go online.

Murray-Hirst said they did not receive any complaints from students or parents about health concerns but decided to take the precaution anyway.

"We like to be proactive and obviously safety is always a concern," she said.

The debate over wireless Internet in Ontario schools grew heated last summer when a group of elementary school teachers attempted to have the technology banned from classrooms in the Niagara region.

The Elementary Teachers' Federation of Ontario voted to keep wireless Internet but a group called the Safe Schools Committee has continued to push for a ban.

They claim exposure to wireless Internet causes headaches, insomnia and rashes in students – afflictions that seem to subside on weekends and vacations, only to return when the kids go back to school.

Ontario's Chief Medical Officer of Health said wireless Internet posed no threat to children at schools.

Dr Magda Havas

drmagdahavas@gmail.com

Telstra tower toppled

... environmental and heritage values, and the potential **health** risks from the long-term exposure to increased **electromagnetic radiation**. ...

http://www.themercury.com.au/article/2011/09/08/259731_tasmania-news.html

One year later, Rogers to hold consultation

... the meeting aims to provide general information, discuss **health** concerns, ... harmful effects of radio-frequency **electromagnetic radiation** emitted by ...

<http://www.westislandchronicle.com/News/Local/2011-09-07/article-2742238/One-year-later-Rogers-to-hold-consultation/1>

Tellecommunications corruption scandal in Austria, with implications world-wide:

"A **Mega-Corruption-Scandal** in the "Wireless Business Area" makes the whole country of Austria shake und tremble. Politicians resign, and a great part of politicians since the beginning of the mobile communication era are said to be involved in corrupted processes. A famous politician, Gabi Burgstaller, political chief, minister president of Salzburg and the county of Salzburg has stopped the further extension of TETRA and digital office wireless communication because of massiv indications for corruption. American authorities are very interested in this case - the biggest scandal that hits the country since the second world war - because of it's worldwide implications. A politician - as it seems one not involved in the scandal - recently said in the public service television of Austria:

"Telekom (Mobilephoncompagnie) has covered the whole country with a system of organized corruption"

<http://forum.gigahertz.ch/viewtopic.php?p=61295&sid=82190380723e9caa6ee77438d1700e0e>

Med många vänliga hälsningar/*With my very best regards*

vänner/*Yours sincerely*

Olle

(Olle Johansson, assoc. prof.
The Experimental Dermatology Unit
Department of Neuroscience
Karolinska Institute
171 77 Stockholm
Sweden

A Personal Message from Dr. Devra Davis, Founder and President

Dear EHT Supporters,

I'm writing because we really need your help. We need to raise \$25,000 to get matching funds to expand our work protecting babies' brains and bodies. Until September 16, every dollar you give to us through Old Bill's Community Foundation will be matched by fifty cents. Please help!

- Right now scientists working with us are ready to start cutting-edge scientific work on how the brain responds to cellphone radiation.

- Right now, teachers, parents and students in Jackson, Wyoming, Philadelphia, Pennsylvania, and Northern California are asking for clear information on how to protect themselves.
- Right now health professionals stand ready to provide their patients with simple resources on cellphone safety like our Doctor's Advise pamphlet.
- Right now we've got clear, compelling messages ready to play as Public Service Announcements--like this one such as this one featuring famed jazz composer, musician and cell-phone related brain tumor survivor, Keith Phillips.

With your help we've done so much this past year. EHT placed the issue of cell phone safety squarely on the public agenda locally, nationally and internationally with its book, Disconnect and with major media efforts around the world from Jackson, Wyoming to Istanbul, Turkey. Public discussion has shifted and sales of headsets are up. Cities and states are creating legislation on cell phone safety. And private companies are starting to advertise cell phones and landline phones differently.

We are making an impact.

EHT is the only group in our community and this country that is exclusively working to protect you and your families from avoidable exposure to cellphone radiation. We operate with other environmental groups within a network of professionals in specialties including health, journalism, engineering, physics and more, over a range of 18 countries, making us the most the most diverse, and authoritative source on the subject.

I am writing to ask that you help us expand our reach by donating funds to EHT through a community matching program in Jackson, Wyoming--Old Bills Fun Run. Just a few clicks will allow you to send us a donation that will qualify for matching funds from the sponsors of this terrific community fundraising effort. Your support this year will allow us to:

- **Build science** through overseeing FOUR groundbreaking high impact research projects such as:
 - Filming the changes in brain cells as they are exposed to cell phone radiation over time
 - Ascertaining the radiation absorption rate for children through brain modelling
 - Examining sentinel diseases as indicators of serious health risks
 - Presenting a series of cancer case reports to medical journals and conferences for further study
- **Create training programs for your community** through:
 - Public forums, such as our Schools Get Wired program, aimed at educating schools on cell phone safety, and empowering students and their parents to make cell phone safety a priority.
 - A series of compelling video reports documenting the human face of cellphone related diseases
- Please help us help you and your families.

<http://www.cfjacksonhole.org/old-bills-fun-run/make-a-gift-online/>

has been nothing short of amazing. But, with your help, where we're going promises to be even better.

*****ALERT: MASS PROTEST/ PRESS CONFERENCE SEPT. 14 12:30PM*****

'OPT OUT' WORKSHOP ALL DAY 9:30AM- 5PM

CA PUBLIC UTILITIES COMMISSION 505 VAN NESS, SF

It's time to separate "smart" meter fact from "smart" meter fiction:

Myth: The utilities claim that smart meters are a fraction of the radiation levels of cell phones.

Fact: "Smart" Meter radiation is significantly stronger than from cell phones- see

<http://stopsmartmeters.org/2011/09/04/comparing-cell-phone-and-smart-meter-radiation/>

Myth: The CPUC defers to the FCC on maximum allowable wireless pulses. The FCC claims that no "non-thermal" biological effects exist.

Fact: The National Institutes of Health (NIH) found chemical changes in the brain from cell phone exposure, a 'smoking gun' finding that demonstrates a clear non-thermal effect. See

<http://well.blogs.nytimes.com/2011/02/22/cellphone-use-tied-to-changes-in-brain-activity/>

Myth: The utilities have been citing the World Health Organization (WHO) to justify the safety of their radiation emitting "smart" meters.

Fact: On May 31st, 2011 the WHO classified smart meter radiation as a Class 2B carcinogen. See http://www.iarc.fr/en/media-centre/pr/2011/pdfs/pr208_E.pdf (pdf) The utilities no longer refer to the WHO at all.

Myth: CPUC President Michael Peevey has been insulting electro-sensitive individuals, inferring that they are "just making it up" or are "psychosomatic"

Fact: On Sept. 5th, the International Journal of Neuroscience reported that "EMF hypersensitivity can occur as a bona fide environmentally inducible neurological syndrome." See

<http://www.ncbi.nlm.nih.gov/pubmed/21793784>

Attend the all day "opt out" workshop, which will be held in the main auditorium at the CPUC- 505 Van Ness Ave. in San Francisco- starting at 9:30am until 5pm. Let's pack the chambers!

Join us during the lunch break at 12:30 to make some noise and protest this illegal opt out extortion plan.

Our demands:

-Charging a fee based on a medical condition is immoral not to mention illegal under CA Utility Code.

Analog opt-outs must be at no cost.

-Communities retain the right to say NO to the 'smart' meter program.

-Pull the plug on the wireless mesh network. Period.

More information: <http://stopsmartmeters.org>

Peninsula cities, mobile companies at odds over cell towers

Hangups: Peninsula cities are trying to figure out where their jurisdiction begins on where and whether a **cellphone tower** can be installed. (Mike Koozmin/The Examiner) Two Peninsula cities are standing up to some of the world's largest ...

<http://www.sfoxaminer.com/local/2011/09/mobile-companies-cities-odds-over-erecting-cell-towers>

http://www.smdailyjournal.com/article_preview.php?id=166988&title=City%20temporarily%20bans%20wireless%20applications

Dual Appeals Over Cell Tower Decision

Ozag cites serious **health concerns** over **electromagnetic radiation** near families and children. The applicant, Capital Telecom, also filed their appeal over ...

<http://milpitas.patch.com/articles/dual-appeals-over-cell-tower-decision>

So called 'Environmental Organizations' are Providing Cover for the Mounting Ecological Catastrophe of the "Smart Grid"

<http://stopsmartmeters.org/2011/07/26/the-green-sheen-wearing-thin-how-corporate-environmental-organizations-are-providing-cover-for-the-mounting-ecological-catastrophe-of-the-%e2%80%9csmart-grid%e2%80%9d/>

Stopping Wireless Invasion at the Door

By Getit Done September 1, 2011

In a blitz blockade of the international wireless industry, a Florida community has prohibited wireless "smart" meters and their infrastructure. Most but not all households received on Saturday, August 6 a postcard announcing the advent of a wireless, "smart" meter system. The following Tuesday, the water utility replaced the black plastic covering their water meters but installed no wireless meters. Throughout that week, informational materials and stickers were distributed to households, while residents investigated the situation.

Over the next mid-August weekend, representatives of about 75 households in Isles of Bellalago in Kissimmee, FL signed a legal letter refusing wireless meters. Their reasoning included that the intended system would involve the installation of illegal surveillance devices and would violate their respective contracts. Residents also placed colorful stickers in their present, fully functional but noninvasive meters, stating, "SMART METER FREE ZONE" and "DO NOT INSTALL SMART METER HERE".

The entity claiming authority over water usage, Toho Water Authority, received the neighbors' letter by hand-delivery and certified mail on August 17. Early the very next morning, two workmen targeted some of the signatory households, installing some meters and infrastructure.

Community members sprang into action. One large man strongly informed the workers that their actions were illegal and that they had to leave. The workers phoned their "boss," who told them to respond that there was a "federal mandate" to install the meters. The large man informed the workers and their boss that the community had legal remedies. The workers left and never returned.

The initial signatories of the legal letter grew to over 100 households in one week. With many of the houses in the area unoccupied, some used only as vacation homes, this number represented all but a handful of the potential signatories. Three energy industry workers living in the community declined to sign, some agreeing that the letter's assertions were true, but saying they'd lose their jobs if they became signatories.

Targeted community members then faxed a letter stating there exists no federal mandate for any wireless grid or meters. They demanded that the meter on their property and any associated infrastructure be removed within 24 hours; else they reserved the right to remove it themselves.

On Thursday, August 18, a legal letter with additional signatories was hand-delivered to the water authority. Since that date, more household representatives have signed the letter. Lawyers and others living in the community are geared up to ensure that the targeted households will be freed from all wireless meters and infrastructure. As of this date, well over 100 households are signatory to the letter, and >90% of the households in the community remain free of wireless invasion.

Ear-bashing: feeling the heat in a city that forever beeps

Tim Elliott
September 3, 2011

Read more: <http://www.smh.com.au/technology/technology-news/earbashing-feeling-the-heat-in-a-city-that-forever-beeps-20110902-1jq5j.html#ixzz1XQMEg9b3>

The CAVI Society

Protecting children from radiation.
<http://cavisoc.org.uk/>

Safe Schools Information Tecnology Alliance

<http://www.ssita.org.uk/>

Note he says it's not ethical to design a study on children, but as we know - he thinks it's ethical to expose them without a study, since there are "no health effects". Iris

Subject: Rowley and Repacholi 2011

Mobile & Health Interviews Pt. 1 Jack Rowley & Michael Repacholi

Mobile & Health Interviews Pt. 2 Jack Rowley & Michael Repacholi

Mobile & Health Interviews Pt. 3 Jack Rowley & Michael Repacholi

http://www.youtube.com/watch?v=U98p7U6bsyw&feature=player_detailpage

Alasdair

Smart water meters

http://www.abbotsford.ca/engineering_and_regional_utilities/water/smart_water_meters.htm

*W.E.E.P. – The Canadian initiative to stop: Wireless Electrical and Electromagnetic
Pollution*

Hardychuk, Gloria

**TELE. TASK FORCE
COMMUNICATION**

C5

Date:

From: Bonsignore, Connie on behalf of Clerks@vaughan.ca
Sent: Friday, September 09, 2011 4:04 PM
To: Hardychuk, Gloria
Subject: FW: Open Letter to Parents, Teachers, & School Boards Regarding Wi-Fi Networks
Attachments: Magda_Havas_Letter_to_School_Board.pdf

Gloria:

I think this can also go into your pending file on Telecommunications Task Force.

Connie Bonsignore

Administrative Assistant
Office of the City Clerk
Telephone: (905) 832-8585 Ext. 8280
Email Address: connie.bonsignore@vaughan.ca



From: Lena Streletska [REDACTED]
Sent: Friday, September 09, 2011 12:21 PM
To: Schulte, Deb; Clerks@vaughan.ca; Abrams, Jeffrey; julian.fantino@parl.gc.ca; Mrs. V. Campoli; Pam - Emily Carr Parents; Bevilacqua, Maurizio; karim.kurji@york.ca; Industry Canada
Subject: Open Letter to Parents, Teachers, & School Boards Regarding Wi-Fi Networks



Dr. Magda Havas, B.Sc., Ph.D.

Environmental & Resource Studies, Trent University, Peterborough, ON, Canada
phone: (705) 748-1011 x7882 fax: (705) 748-1569 email: mhavas@trentu.ca

July 10, 2009.

Open Letter to Parents, Teachers, & School Boards Regarding Wi-Fi Networks in Schools and Cell Phone Antennas near School Property

I am a scientist who does research on the health effects of electromagnetic radiation and I am becoming increasingly concerned that a growing number of schools are installing WiFi networks and are making their school grounds available for cell phone antennas.

You will be told by both the federal government (Federal Communication Commission in the US; Health Canada and Industry Canada in Canada) as well as by the Wi-Fi provider that this technology is safe provided that exposures to radio frequency radiation remain below federal guidelines.

This information is **outdated** and **incorrect** based on the growing number of scientific publications that are reporting adverse health and biological effects below our “short-term, thermal-based” guidelines (see www.bioinitiative.org) and the growing number of scientific and medical organizations that are asking for stricter guidelines to be enforced.

For these reasons it is irresponsible to introduce Wi-Fi microwave radiation into a school environment where young children and school employees spend hours each day.

FACT:

- 1. GUIDELINES: Guidelines for microwave radiation (which is what is used in Wi-Fi) range 5 orders of magnitude in countries around the world.** The lowest guidelines are in Salzburg Austria and now in Liechtenstein. The guideline in these countries is 0.1 microW/cm². See short video (<http://videos.next-up.org/SfTv/Liechtenstein/AdoptsTheStandardOf06VmBioInitiative/09112008.html>). In Switzerland the guideline is 1 and in both Canada and the US it is 1000 microW/cm²!

Why do Canada and the US have guidelines that are so much higher than other countries? Our guidelines are based on a short-term (6-minute in Canada and 30-minute in US) heating effect. It is assumed that if this radiation does not heat your tissue it is “safe”. This is NOT correct. Effects are documented at intensities well below those that are able to heat body tissue. See attached report: *Analysis of Health and Environmental Effects of Proposed San Francisco Earthlink Wi-Fi Network (2007)*. These biological effects include increased permeability of the blood brain barrier, increased calcium flux, increase in cancer and DNA breaks, induced stress proteins, and nerve damage. Exposure to this energy is associated with altered white blood cells in school children; childhood leukemia; impaired motor function, reaction time, and memory; headaches, dizziness, fatigue, weakness, and insomnia.

- 2. ELECTRO-HYPER-SENSITIVITY:** A growing population is adversely affected by these electromagnetic frequencies. The illness is referred to as “electro-hyper-sensitivity” (EHS) and is recognized as a disability in Sweden. The World Health Organization defines EHS as:

“ . . . a phenomenon where individuals experience adverse health effects while using or being in the vicinity of devices emanating electric, magnetic, or electromagnetic fields (EMFs). . . EHS is a real and sometimes a debilitating problem for the affected persons, while the level of EMF in their neighborhood is no greater than is encountered in normal living environments. Their exposures are generally several orders of magnitude under the limits in internationally accepted standards. ”

Health Canada acknowledges in their Safety Code 6 guideline that some people are more sensitive to this form of

energy but they have yet to address this by revising their guidelines.

Symptoms of EHS include sleep disturbance, fatigue, pain, nausea, skin disorders, problems with eyes and ears (tinnitus), dizziness, etc. It is estimated that 3% of the population are severely affected and another 35% have moderate symptoms. Prolonged exposure may be related to sensitivity and for this reason it is imperative that children's exposure to microwave radiation (Wi-Fi and mobile phones) be minimized as much as possible.

3. **CHILDREN'S SENSITIVITY:** Children are more sensitive to environmental contaminants and that includes microwave radiation. The Stewart Report (2000) recommended that children not use cell phones except for emergencies. The cell phone exposes your head to microwave radiation. A wireless computer (Wi-Fi) exposes your entire upper body and if you have the computer on your lap it exposes your reproductive organs as well. Certainly this is not desirable, especially for younger children and teenagers. For this reason we need to discourage the use of wireless technology by children, especially in elementary schools. That does not mean that students cannot go on the Internet. It simply means that access to the Internet needs to be through wires rather than through the air (wireless, Wi-Fi).
4. **REMOVAL OF WI-FI:** Most people do not want to live near either cell phone antennas or Wi-Fi antennas because of health concerns. Yet when Wi-Fi (wireless routers) are used inside buildings it is similar to the antenna being inside the building rather than outside and is potentially much worse with respect to exposure since you are closer to the source of emission.

Libraries in France are removing Wi-Fi because of concern from both the scientific community and their employees and patrons.

The Vancouver School Board (VSB) passed a resolution in January 2005 that prohibits construction of cellular antennas within 1000 feet (305 m) from school property.

Palm Beach, Florida, Los Angeles, California, and New Zealand have all prohibited cell phone base stations and antennas near schools due to safety concerns. The decision not to place cell antennas near schools is based on the likelihood that children are more susceptible to this form of radiation. **Clearly if we do not want antennas "near" schools, we certainly do not want antennas "inside" schools!** The safest route is to have wired internet access rather than wireless. While this is the more costly alternative in the short-term it is the least costly alternative in the long run if we factor in the cost of ill health of both teachers and students.

5. **ADVISORIES:** Advisories to limit cell phone use have been issued by the various countries and organizations including the UK (2000), Germany (2007), France, Russia, India, Belgium (2008) as well as the Toronto Board of Health and the Pittsburgh Cancer Institute (July 2008). While these advisories relate to cell phone use, they apply to Wi-Fi exposure as well since both use microwave radiation. If anything, Wi-Fi computers expose more of the body to this radiation than do cell phones.
6. **PRECAUTIONARY PRINCIPLE:** Even those who do not "accept" the science showing adverse biological effects of microwave exposure should recognize the need to be careful with the health of children. For this reason we have the Precautionary Principle, which states:

In order to protect the environment, the precautionary approach shall be widely applied by States according to their capability. Where there are threats of serious or irreversible damage, lack of full scientific certainty shall not be used as a reason for postponing cost effective measures to prevent environmental degradation.

In this case "States" refers to the School Board and those who make decisions about the health of children.

The two most important environments in a child's life are the home (especially the bedroom) and the school. For this reason it is imperative that these environments remain as safe as possible. **If we are to err, please let us err on the side of caution.**

Respectfully submitted,
Dr. Magda Havas,
Associate Professor
Trent University
July 10, 2009