



AUGUSTA

Augusta National Inc., Queens 400 Executive Offices, 178 Main Street, Unionville, Ontario L3R 2G9
Telephone: (905) 944-9709 Fax: (905) 944-9710 Cellular: (416) 464-0145 E-Mail: everard@rogers.com

May 29, 2007.

Ms. Mavis Urquhart,
Manager,
Environmental Leadership,
The Corporation of the Town of Markham.

Re: Item #0006 General Committee, April 30, 2007.
Draft By-law to Regulate Non-essential Use of Pesticides

Please be advised, that the urban planning consulting firm, Augusta National Inc., acts on behalf of Catholic Cemeteries Archdiocese of Toronto ('CCAT'), registered owners of Holy Cross Cemetery and Christ the King Cemetery, Town of Markham, comprising in total 311 acres.

'CCAT' head office is located in Toronto and no Public Information Meeting Notice was received regarding the draft by-law regulating non-essential use of pesticides.

The successful business operations of these cemeteries requires intensive care of the lawns, landscape features, and gardens necessitating the eradication of weeds. Complaints arise when the grounds are not maintained to a standard of care required by our patrons. As well, any environs containing weeds adversely impact the sale of graves, columbaria and mausoleums.

To this end, we are respectfully requesting to appear as a Delegation at the General Committee meeting of Town Council dated June 18, 2007, to request exemption of cemeteries from the proposed by-law regulating non-essential use of pesticides.

Thank you for your consideration in this matter.

Yours truly,

Mike Everard, M.Sc., RPP.,
Principal.

Copy: Mr. R. Hayes & Mr. R. Hendrix, CCAT
Ms. A. Tari, Clerks Department, Town of Markham.

-----Original Message-----

From: LIZ [mailto:proj_plus@rogers.com]

Sent: Wednesday, May 23, 2007 2:06 PM

To: Tari, Alida

Cc: liz lee

Subject: Re Use of Pesticides

APPENDIX 3

I am concerned that, without the use of some pesticides, our gardens will become covered with weeds and that the racoons and skunks will dig up our lawns to reach the grubs they love so much. I think that each home owner should have control of their own property and over how they control their own problems. I have animals and I will only choose essential methods to keep my property safe and under control.

Yours sincerely, Mrs Elizabeth Lee, 141 Fred Varley Drive, Unionville. L3R 1T5, Tel. 905-513-1487

23/05/2007

From: Barbi Lazarus [mailto:freeze-up@rogers.com]

Sent: May 24, 2007 9:22 AM

To: Scarpitti, Frank; Burke, Valerie; Shapero, Erin; Virgilio, Joseph; Heath, Jack; Wong, Tony; Jones, Jill; Landon, Gord; Moretti, Carolina; Webster, John; Kanapathi, Logan

Subject: Questionnaire on Education Program

Oops! I forgot to include my comments regarding the questionnaire on the education program. I think that to inform people would be through information packages. This seemed to be extremely helpful with the introduction of the green bin program. It ensures that every resident receives information. kiosks, website signs, workshops, etc. can also be very helpful and should be included as well, but the information package is essential to make sure that every resident gets the information.

The package should include the sustainable maintenance calendar.

----- Original Message -----

From: Barbi Lazarus

To: Frank Scarpitti ; vburke@markham.ca ; Shapero, Erin ; Virgilio, Joseph ; Heath, Jack ; twong@markham.ca ; jjones@markham.ca ; glandon@markham.ca ; cmoretti@markham.ca ; jwebster@markham.ca ; lkanapathi@markham.ca

Sent: Thursday, May 24, 2007 9:19 AM

Subject: Pesticide Bylaw Comments

Hello,

I just wanted to provide comments on the Pesticide Bylaw that was presented last night. I thought the meeting had gone on long enough so I didn't want to speak but I wanted to make sure my feedback was on record the following:

1. I strongly support Markham passing a pesticide bylaw, and I especially am VERY strongly in support of the January 2008 effective date. I feel that because of our neighbour Toronto having their bylaw time now, and because Markham has been conducting educational workshops and has been proactively Pesticide Free with their parks, that we do not need a long phase in period like some other municipalities had. I am very happy to see an effective date by next January!!!
2. I would like to see the removal of the Infestation exemption. It is much too broad and open to

24/05/2007

interpretation. Since exemptions are already made for health hazards, I see no reason for an infestation clause. The bylaw is supposed to regulate non-essential use of pesticides. Anything for cosmetic purposes is still non-essential.

3. If an infestation clause of some sort remains in the bylaw, which I hope it doesn't, there should be specific criteria so that it is not abused. I.e: a specific (and very high) % of a person's lawn or property. As well, the application should have to be done under the direction of an IPM accredited agent.
4. I do not support the exemption for golf courses or lawn bowling greens.
5. Golf courses should have to become fully IPM Accredited as well, not just have the pesticides applied by an IPM agent.

Harry Vizl
44 Shieldmark Cr.
Thornhill, Ont.
L3T 3T5
harryvizl@hotmail.com

May 24, 2007

Mayor and Members of Council
Town of Markham
101 Town Centre Blvd.
Markham, Ont.
L3R 9W3

Dear Members,

Thank you for taking the opportunity to solicit public opinion regarding the proposed pesticide ban by-law. I was the fourth or fifth speaker, the "average homeowner", but did not leave a copy of my presentation for your records. Please find it attached.

I was disappointed but not surprised at the parade of special interest groups making presentations to Council. Excluding these groups and the golf course representatives there were not many average homeowners present. Possibly due to apathy or the suspicion that this process is a waste of time because Council has already caved in to these groups.

To restore integrity to these types of information meetings in future I would suggest that presentations be accepted only from individuals who *actually reside in Markham*, not the traveling road-shows of Doctors For This and Individuals Against That. Instead of pandering to these outside lobby groups, Council could also show some leadership and directly consult Markham residents on this issue by conducting an opinion survey which accurately states the facts and alternatives in this issue.

Please read the copy of my submission before making your decision as I do not believe a single speaker addressed or specifically countered any of the points that I tried to bring across. On my way out last night several individuals accosted me and thanked me for making my comments saying that they agreed with me but were uncomfortable making a presentation themselves.

Sincerely

Harry Vizl

Pesticide Issues – Harry Vizl presentation, May 24, 2007

- Pesticide products have been **tested** and approved by the federal Agricultural and Health departments. What expertise does a municipality have in assessing health risks of these substances?
- Municipalities should concentrate on their **core business**, roads, transit, policing, infrastructure and not expand into jurisdictions more properly handled by provincial and federal agencies.
- Council should show **leadership** and not cater to special interest groups. Put this issue to a plebiscite on next municipal election. Markham residents are intelligent enough to make their own decision.
- There's a certain amount of environmental **hysteria** at the moment. Elected officials should base their decisions on sound science.
- **The issue of choice.** Homeowners should have the choice of using pesticides or not. Those that don't wish to have pesticides on their property don't have to use them.
- **Natural lawn maintenance** emphasizes frequent and adequate watering to promote grass growth to block out new weed growth. What do you do in summer when lawn grass goes dormant? Do you want residents to increase their summer water use even more? And what do you do when hot, dry weather leads to watering restrictions or bans?
- The proposed bylaw is largely a **copy of Toronto's**. Toronto is not exactly a good model for municipal governance.
- Toronto has become increasingly **unkempt** looking since their bylaw enacted as weeds growth is exploding on some private and public spaces.
- **Cost of enforcement.** Funding for additional bylaw enforcement officers could be forwarded to the Region and more properly be spent on additional police officers. This would have a more tangible impact on public health and safety.
- Markham talks a lot about being a **character community**. This implies that the opinions and wishes of others should be respected. You can't have a vocal minority forcing their values upon their co-residents.

If council insists on imposing a ban it should least consider:

- **infestation** has to be redefined to include lawns too infested with weeds to recover from manual pruning.
- **homeowner exemptions.** It's one thing to stop spraying common public areas, but individual homeowners spot-treating their own property should not be prosecuted.
- **golf courses should not be exempted.** If pesticides are in fact a health hazard then golfers and employees that tread on courses need to be protected as well. I am sure that they will put up with the inconvenience of weedy fairways or alternatively give up the game if it means risking their health.

-----Original Message-----

From: Ann & Pete Wilson [mailto:annandpete@sympatico.ca]

Sent: Wednesday, May 23, 2007 6:34 PM

To: Tari, Alida

Subject: Non-Essential Use of Pesticides



To whom it may concern.



We strongly support the passing of a by-law to prohibit the cosmetic use of pesticides in Markham.



All other issues pale into insignificance in the face of the ever increasing health risks associated with toxins in our environment. We strongly believe that prevention is always the better choice and hope that council will make the right choice in banning pesticides.



Yours truly: Pete and Ann Wilson.



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25/05/2007

-----Original Message-----

From: Charles.Schade@jdpa.com [mailto:Charles.Schade@jdpa.com]

Sent: May 25, 2007 12:16 PM

To: Scarpitti, Frank

Cc: Chiu, Alex; Jones, Jim; Heath, Jack; Wong, Tony; Landon, Gord; Burke, Valerie; Shapero, Erin; Virgilio, Joseph; Moretti, Carolina; Webster, John; Horchik, Dan; Ikanapthi@markham.ca

Subject: Pesticides By-Law threatens Bayview Golf Club

Dear Mayor Scarpitti,

It has come to my attention that the current proposed draft by-law that would ban pesticide use in the municipality, which currently includes an exemption for golf courses that are IPM Accredited, was questioned by a small group of citizens attending a public meeting the night before last.

Pesticides, the environment in general, greenhouse gases etc. are all very emotional topics often raised and debated by a terribly misinformed public whose only source of information on the topic comes from the mass media intent on selling newspapers. I am a firm believer in protecting our environment for my children and their children but being in the automotive business I appreciate how badly misinformed the public is on many of these matters.

As an example, the production of a Toyota Prius (THE flagship Hybrid vehicle), requires that much more energy to produce the batteries and electric engines etc. that a vehicle lifetime of use could not offset the greenhouse gases used to produce the vehicle. A person can drive two of the largest domestic pick-up trucks across the whole of Canada (Suburban or Escalade) and still not burn the amount of greenhouse gases produced by burning a cord of wood. Are people willing to accept the banning of wood fires in their homes?

My point being is that emotions on these topics are often exaggerated and misinformed. The managed, and responsible use of pesticides, on the very small proportion of the total area that encompasses a golf course that requires this protection (greens and tee's - 3%), is imperative to the enjoyment of this healthy pastime. Our population is aging and encouraging and investing in healthy activities for all these soon-to-be retirees will provide a great return reducing reliance on our health system.

Without the responsible green management of Markham golf courses, the financial viability of these operations comes into question. There are many options outside of Markham for lovers of the game and putting the financial viability of these green patches in our community in jeopardy, begs the question; how long will it take for them to go the way of the rain forest and be eaten up by housing developments?

I urge you to support the current draft which includes the exemption for golf courses.

Sincerely

25/05/2007

Charles Schade

J.D. Power and Associates

Senior Director, Research

Bus 416 847-3286

Cell 416 319-6321

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Thank you,

The McGraw-Hill Companies

25/05/2007

-----Original Message-----

From: linda wolfond [mailto:lwolfond@rogers.com]

Sent: May 25, 2007 11:45 AM

To: Scarpitti, Frank; Jones, Jim; Heath, Jack; Wong, Tony; Landon, Gord; Burke, Valerie; Shapero, Erin; Moretti, Carolina; Webster, John; Horchik, Dan; lkanapthi@markham.ca; Chiu, Alex

Subject: Pesticide use at Golf Courses

Dear Mayor and Councillors,

We applaud the work you have been doing in the town of Markham. We are big advocates of the environment and are supporters of pesticide control.

(We do however believe that golf courses must have some exemption under a guideline of controls (as discussed in Thom Charters brief to council) in order to remain a viable part of the community. If we are to tough on this industry over time it will out of necessity move to other jurisdictions as golfers move to the best golf courses. We could lose some of the 2500 acres that help make Markham so beautiful.

Many Thanks

Greg and Linda Wolfond

Subject: Proposed by-law re pesticide

Dear Frank

As a resident of Thornhill and a long time member at Bayview Golf and Country Club I urge you and ALL council members to have the draft by-law approved which INCLUDES an exemption for ALL golf courses that are IPM Accredited.

Hannes & Emmy Broschek
1014 - 7905 Bayview Ave.
Thornhill, Ontario
L3T 7N3
hbroschek@rogers.com

25/05/2007

-----Original message-----

From: Cindy Breslin-Carere [mailto:cindybreslin@hotmail.com]

Sent: May 25, 2007 7:23 AM

To: Heath, Jack

Subject: pesticides

Dear Representative,

Please exempt golf course from pesticide bans
One cannot golf in a meadow.

Sincerely,
Cindy Breslin-Carere.

25/05/2007

-----Original Message-----

From: Lody and Arlene [mailto:lapontisso@sympatico.ca]

Sent: May 25, 2007 7:26 AM

To: Scarpitti, Frank; Jones, Jim; Heath, Jack; Wong, Tony; Landon, Gord; Burke, Valerie; Shapero, Erin; Virgilio, Joseph; Moretti, Carolina; Webster, John; Horchik, Dan; lkanapthi@markham.ca; Chiu, Alex

Subject: GOLF COURSES PESTICIDES

Good Day Councillors!!

We are currnetly members of the Bayview Country Club, a club that has been in exsistance for over 40 years. It is a small piece of heaven in the city. Should the bylaw pass it would certainly affect the future viability of the club. Thom Charters has expressed his thoughts at your meeting.

Please Exempt Golf Courses from this by-law.

Thanks and have a good day

Arlene and Lody Pontisso

From: Kelsey, James [mailto:James.Kelsey@bmo.com]

Sent: May 25, 2007 9:03 AM

To: Scarpitti, Frank; Jones, Jim; Heath, Jack; Wong, Tony; Landon, Gord; Burke, Valerie; Shapero, Erin; Virgilio, Joseph; Moretti, Carolina; Webster, John; Horchik, Dan; Ikanapthi@markham.ca; Chiu, Alex

Subject: Pesticide By-Law Threatens Bayview GCC

Dear Council Members:

I am writing regarding the proposed Pesticide By-Law. If this By-Law is passed and an exemption is not granted to Golf Courses, it could have the potential to affect the future viability of the Bayview Golf and Country Club. I am requesting that you exempt Golf Courses from this By-Law. Thank you.

James Kelsey

J.B. Kelsey
Senior Vice President
Corporate Finance Division
416-867-5844
FAX 416-360-4526
james.kelsey@bmo.com

25/05/2007

-----Original Message-----

From: John Mealia [mailto:John.Mealia@kornferry.com]

Sent: May 24, 2007 4:47 PM

To: Scarpitti, Frank; Jones, Jim; Heath, Jack; Wong, Tony; Landon, Gord; Burke, Valerie; Shapero, Erin; Virgilio, Joseph; Moretti, Carolina; Webster, John; Horchik, Dan; Ikanapthi@markham.ca; Chiu, Alex

Subject: Pesticides

Please know that I am in full support of Thom Charters Deputation urging you to exempt Golf Courses from the proposed by-law banning pesticides in your jurisdiction. Thank you for your consideration.

John Mealia
Senior Client Partner
Korn Ferry International
BCE Place, Bay Wellington Tower
181 Bay Street, Suite 3320
Toronto, Ontario M5J 2T3
(416) 365-4022
john.mealia@kornferry.com

25/05/2007

From: Akeydonal@aol.com [mailto:Akeydonal@aol.com]

Sent: May 24, 2007. 4:30 PM

To: Scarpitti, Frank; Jones, Jim; Heath, Jack; Wong, Tony; Landon, Gord; Burke, Valerie; Shapero, Erin; Virgilio, Joseph; Moretti, Carolina; Webster, John; Horchik, Dan; Ikanapthi@markham.ca; Chiu, Alex

Subject: Proposed Pesticide By Law

Dear Friends:

With respect to the proposed ban on the use of pesticides in Markham, I commend you for including an exemption for Golf Courses that are not IPM accredited. It is the right thing to do!

As a Member of The Bayview Golf & Country Club for 28 years (& a resident of Markham for much of that time), it would be heart breaking to view the damage that would result from doing otherwise.

Golf Courses such as Bayview are "Jewels" in Markham's "Crown" -- lets work to keep it that way. Our Golf Course Manager Thom Charters, who recently appeared before you, our Management, myself as a former President of the Club, our Board of Directors & our Membership assure you of our full support!

Respectfully submitted

Alan Keyworth

25/05/2007

-----Original Message-----

From: Barry Shafran [mailto:BShafran@chesswoodfund.com]

Sent: May 24, 2007 4:42 PM

To: Ikanapthi@markham.ca; Jones, Jim; Heath, Jack; Wong, Tony; Virgilio, Joseph; Moretti, Carolina; Webster, John; Horchik, Dan; Ikanapthi@markham.ca; Chiu, Alex; Burke, Valerie; Shapero, Erin

Subject: Pesticide Use and Changes to By Laws

As homeowners, my wife and I have a personal aversion to pesticides, and so I applaud the Town's desire to consider and implement by-laws that address concerns with respect to the usage of these chemicals.

As is the case with chemicals used in workplaces and many commercial activities (including in the Town of Markham and many of its service departments) regulations and protocols exist to govern their use, in recognition of the fact that when properly deployed, they are a useful and benevolent tool. WHIMIS is one such set of workplace guidelines, that I'm sure the Town's support staff are very familiar with.

In the case of Golf courses, which are of course commercial businesses, IPM is the standard bearer. As the brief deputation below clearly indicates, IPM exists to ensure that chemical use on golf courses is properly applied and controlled.

If you are not already familiar with the Deputation from Mr. Charters - a true master golf course manager - then I ask that you be good enough to take the 5 minutes necessary to read his Deputation attached.

Lastly, most communities agree that golf and golf courses are a desirable commercial activity that provides enjoyment to many, as well as the preservation of green space.

Yours Respectfully,

Barry Shafran

25/05/2007

President & CEO
Chesswood Income Fund
TSX:CHW.UN



<<Pesticide Exclusion Tom Charters.pdf>>

-----Original Message-----

From: Darren [mailto:Darren@stevencohenins.ca]

Sent: May 24, 2007 3:57 PM

To: Heath, Jack

Subject: Bayview Golf Club

Hi There,

We have learned recently from our course manager that Markham may be implementing a pesticide by-law that would include Golf Courses. Please try to pass this by-law with an exemption to Golf Courses such as ours.

It would all but destroy the wonderful family environment that Bayview has created over its 47 years in Markham.

Let me know if there is anything else we can do to assist this important situation.

Kindly,
Darren

Darren Abrahams
Steven Cohen Insurance Agency Inc.
200 Evans Ave., Suite 201
Toronto, ON M8Z 1J7
t: (416) 259-1166 x307
f: (416) 259-5885
darren@stevencohenins.ca
www.stevencohenins.ca
www.lifecaresolutions.ca

25/05/2007

-----Original Message-----

From: Alain Londes [mailto:alondes@rogers.com]

Sent: Tuesday, May 29, 2007 11:21 AM

To: Shapero, Erin

Cc: Scarpitti, Frank; Jones, Jim; Heath, Jack; Wong, Tony; Landon, Gord; Burke, Valerie; Virgilio, Joseph; Moretti, Carolina; Webster, John; Horchik, Dan; Kanapathi, Logan; Chiu, Alex; Tari, Alida

Subject: In support of a by-law curbing the use of pesticides on private and public property

Dear Ms. Shapero,

As a resident of Thornhill in Ward 2, I would like to express my support of a by-law that will finally put an end to the non-essential use of pesticides in our community. The proposed by-law currently under consideration is a necessary first-step in this regard.

Pesticide products are toxic. Arguments such as pesticides being minor inconveniences or are no longer problems after a day following a spraying defies logic. I should not have to carry my little dog in my arms to the safer area of a public park a few blocks away. Children are also at risk as they are not aware of the dangers in their own neighborhoods.

Markham is playing an active role in environmental initiatives such as the successful "pesticide free parks," as well as efforts focused on cleaner air, water quality, and "communities in bloom" activities to name a few.

As we become better educated about the necessity to protect our precious environment, we would be inconsistent in our task if residents would be allowed to continue to use pesticides at will. The environment has to be shared and anything that we do individually has ramifications across the whole community and beyond. From a utilitarian perspective, the reduction of pesticides would be a benefit to us all.

Furthermore, in order to be consistent with this view, large areas such as golf courses should not have any exemption and should abide by the same rules as they apply to us all. In this regard I would amend Section 2b) XIII that currently withholds restrictions on golf course and lawn bowling greens. To that extent a careful review of restrictions should be considered in the near future for cases of absolute necessity.

Non-toxic alternatives to pesticides exist. A continued educational campaign associated with the successful passage of the pending by-law will help transition citizens to safer options.

We all aspire to enjoy our beautiful community without the fear of toxic substances unnecessarily spoiling our environment or affecting our health.

I urge all council members to vote in favor of the current by-law regulating the non-essential use of pesticides on private and public lands as a long overdue necessary first step.

I thank you for your continued efforts in serving our community.

Cordially,
Alain Londes, MA MBA
President

29/05/2007

Alain Londes & Associates
www.alainlondes.com
Knowledge, Skills, and Ethics

Deputation to Markham

RE: Pesticide By-law Exclusion for Golf Courses

DATE: May 23, 2007

BY: Thom Charters, Golf Course Manager, Bayview Golf & CC

Mayor Scarpiti, councillors, staff and fellow constituents, thank you for the opportunity to address you this evening. My name is Thom Charters; I am the Golf Course Manager at the Bayview Golf & Country Club on Fairway Heights Drive. Pesticide reduction is a subject that golf takes very seriously. While healthy turf is imperative for the enjoyment and financial viability of our sport, maintaining a firm grip on costs and protecting the environment are equally important. I am hopeful that a by-law restricting the use of pesticides in Markham will include an exemption for golf and that you will be comfortable with the proposed qualifications for golf courses to maintain that exemption.

Before I expand on that, I think it is important for you to know that there are 11 golf courses in this jurisdiction and collectively cover more than 2500 acres. While each course has its own unique set of growing conditions, expectations for quality and, therefore, management requirements, it is a reasonable assumption that the greens and tees on each course are the most intensively managed. This area would equate to less than 80 acres or 3 per cent of that total acreage. If fairways were included the total area of most intensively managed turf would be 450 acres or 18 per cent. The vast majority of the acreage occupied by golf courses in Markham receive no applications of pesticides and minimal fertilizer. Significant acreage is naturalized for wildlife habitat and/or tree covered. I am firmly convinced that golf courses are on the plus side of the environment equation. Apart from the enjoyment derived by golfers, golf courses;

- 1/ Sequester carbon
- 2/ Produce oxygen
- 3/ Capture and filter rainfall & surface water
- 4/ Trap airborne particulates
- 5/ Abate noise
- 6/ Cool the atmosphere
- 7/ Provide wildlife habitat
- 8/ Increase surrounding property values

The golf business has done a horrible disservice to the game and its' image by not effectively communicating these facts. I fear that public perception about pesticide use on golf courses bares no resemblance to what is actually going on. I think there are some who mistake healthy turf for a sign that pesticides are being used with wreckless abandon. In this sense we have also done a poor job of communicating how we have been reducing pesticide use over the last fifteen years. Pesticides are expensive to purchase and apply. They are used on a preventative basis, on greens only, when environmental conditions and historical records indicate the necessity. They are used as a last resort in all other areas and normally on a spot treat basis. In all cases, federally approved products are applied by provincially licensed applicators. Golf funds research to find more hardy turf varieties that would require less inputs of water, fertilizer and plant protectants. Golf also invests heavily in research looking for biological controls for insects, weeds and diseases. And this brings me to my final point on the subject.

Integrated Pest Management otherwise known as IPM has been much more than a buzz word in the industry for more than 20 years. Progressive Golf Course Managers have been implementing it, at least informally, for that long. To truly practice IPM it must be done formally by including a strict record-keeping regimen as part of the program. With the creation of the IPM Council of Ontario and its Accreditation Program there is now a way to measure formal adherence to the principles of Integrated Pest Management. It is not a prescription for no pesticide use, but it is the approach that documents a need for a control product, establishes thresholds for pest tolerances that acceptable to managers and end users and increases the likelihood that the least amount of active ingredient is applied to vegetation each year.

Bayview Golf & Country Club became fully accredited in 2006. I know from experience that it takes time, money and discipline to achieve this designation. There is an entry-level exam, a daily labour cost to scout the property and do the required documentation and an annual cost of \$ 500 for an independent review and audit. It takes two to three years after initiating the process to gain full accreditation. It is not window dressing and it is not a slam-dunk.

As I stated at the outset, golf takes pesticide reduction very seriously. For the reasons I have outlined, I urge you to include a Pesticide By-law exemption for golf courses, providing they are fully accredited in Integrated Pest Management. Given the time required to achieve this status, I would recommend that golf courses should be required to prove their enrolment in the program in year one of by-law and be fully accredited by the third anniversary of enactment of the by-law.

-----Original Message-----

From: Karl L. R. Mahler [mailto:kbmahler@sympatico.ca]

Sent: May 27, 2007 7:35 PM

To: toadhall@aci.on.ca; Mersey,Brent; gideon@cape.ca; Heath, Jack; Virgilio, Joseph

Cc: Graham Duncan; markhamconservation@city.markham.on.ca - (Out)

Subject: Pesticide By Law Presentation to Council, May 23, 2007

Pesticide By-Law Information Meeting, Town of Markham, May 23. 2007

(Presentation by Karl L.R. Mahler):

Your Worship, Mayor Scarpitti,
Councillors of Markham, Members of Staff,
Neighbours and Friends:

I am Karl Mahler, 37-year resident of Thornhill, retired public servant,
Ministry of Labour/Ontario,
former president of Thornhill Garden & Horticultural Society (1914),
currently Environment & Conservation Committee Chair,

1. representing Thornhill Horticultural Society's Decision in the matter before you.
2. Appointed by York Region Environmental Alliance (through Leslie Atkinson for Gloria Marsh, Chair, YREA) to be its spokesperson, and deliver their message:

Allow me to describe in a few words the immensity of the task at hand, for which I express my thanks to Markham's Pesticide Reduction Steering Committee and all staff, for the many years involved in experimenting, reporting, and test-site comparisons, receiving overwhelming public support.

(THIS IS MARKHAM!)

Many of you present today know of my personal experience in witnessing an entire flock/generation of MUD SWALLOWS wiped out in one year. This, after the Town of Markham spraying pesticides in the underbrush, along river banks, and the valley of the Little Don River in an area West of Henderson Ave. in Pomona Mills Park, depriving them of their sustenance-, flying insects, probably contributing also to their poisoning. In one riverbank, hundreds of birds nested there every year before.

This was about 15 years ago!

Ladies and Gentlemen:

I ask you to reflect for a moment on your duty as human beings!

On **the morality & ethics** in what amounts to disabling, suffering, maiming and killing many essential forms of the simplest, smallest life forms, and those of bacterial, microbial, and higher orders!

It is an unending chain of nature's way to sustain life in the ground, in water and air--,
only to see it destroyed for appearance sake, for so-called COSMETICS IN GARDENS,
PARKS, GREEN SPACES (especially on GOLF COURSES).

We need to differentiate also between **Pesticides** (which control/eliminate pests), **Herbicides** (which protect, control, eliminate plants, for example: black spots in rose bushes-, a virus), and **Biocides** (Chemical poisons to effect the function of both poisons).

The application (Replacement) of “CHEMICAL PESTICIDES versus NATURAL PRODUCT EQUIVALENTS” for achievement of the same effect.

2.

As we know, harmful effects of pesticides/biocides on bird-and aquatic life, on pets, domestic animals and humans have been documented for some years (Diseases of the lung, skin, eyes, glands, nervous system, carcinomas, etc.).

When gardens, lawns, golf greens, parks, sports fields, for instance are biocide-treated according to customary practice as if this would be necessary (*nature does not grow monocultures anywhere, like “just grass”, or, “just moss”*), and life happens to be interdependent, we ought to always think of its effects-, mostly ending in death.

I consider myself a reasonable man, fully aware of the benefits of ‘Biocides’ in protecting the harvest and quality of agricultural products, fruits, vegetables and disease-free horticultural plants & exhibits specimens.

However, we need to change our thinking on pesticides, promoted by industry and accepted historically as the standard norm-- , just for visual impact?

We now require changing our modus operandi, the status quo!

An industry-wide transition to naturally derived substitutes is bound to prosper. It can replace traditional practices already underway by a service industry, open to progress.

To conclude:

The members and board of the TGHS present last Wednesday, May 16, 2007, have rejected the traditional use of pesticides for purely visual effect unanimously.

We, the TGHS, welcome the By-Law as drafted with additions, detailed below.

As spokesperson for York Region Environmental Alliance, I am happy to add their identical sentiments.

“Reverence for Life”

As a MORAL AND ETHICAL ISSUE, I herewith ask Markham Council and all here present, to pass and support this By-Law but removing specific exemptions:

- a) Golf Courses:** (grounds can be groomed to same height, including ‘weeds’)
 - b) Hydro Corridors:** (a sanctuary for protecting wildlife, bees, insects, birds, etc.)
- (These points were submitted in my handwriting, to the clerk in attendance)

Thank you for your attention.

Karl L.R. Mahler
Thornhill, ON L3T 1X5
T: 905-889-8907
e-m: Kbmahler@sympatico.ca

-----Original Message-----

From: Andy McKinnon [mailto:andymckinnon71@gmail.com]

Sent: May 27, 2007 6:21 PM

To: Shapero, Erin; Heath, Jack; Kanapathi, Logan

Subject: non-essential pesticide use bylaw meeting

Thanks again for having a public meeting on the pesticide bylaw proposal.

My main concern as I said when I spoke at the meeting, is the Bt, Btk and Bti (*Bacillus thuringiensis*). The fact that this is not considered a pesticide is alarming to me since it is used to kill insects, and it kills indiscriminately. Not only butterflies and moths in general, but other soft-bodied insects. The fact that it's been aerially sprayed for over a week in Mississauga and Etobicoke, during the time of year when most birds are migrating through the area and/or nesting is very upsetting. These birds depend on the caterpillars and other insects for food. This leads to a vicious cycle: starving the birds reduces the population of predators on these insects, which will increase their perceived infestations, and ultimately lead to habitual spraying. This will change the communities of birds you will see in the area. Additionally, some of the soft-bodied insects killed by Bt are predators, beneficial insects. It's a very heavy-handed way of trying to eradicate one single pest, when you consider all the thousands of other insects at risk from the spray. There aren't sufficient studies to prove the effectiveness of Bt spraying, since they aren't required to monitor what was there before the spraying, or the results of the spraying afterward.

Regarding golf courses and Integrated Pest Management (IPM), if they are complying to such a high standard, I don't understand why they need an exemption to the proposed bylaw. Golf courses are usually built along waterways, their fertilizers alone can have high impacts on the water quality, before you even consider the pesticides and herbicides used.

I would also love to share a photograph I took with a line of nearly 30 Weed Man trucks waiting to get in and spray the Christ the King cemetery (at Reesor and Steeles), which is surrounded by homes relying on well water, and is in Rouge Park.

Please feel free to contact me for any questions, follow-up, or elaboration of any of the above information.

647-225-5900 (cell) or andymckinnon71@gmail.com

Regards,

30/05/2007

Andy McKinnon

-----Original Message-----

From: Cat Beattie [mailto:catbt2004@yahoo.ca]

Sent: May 27, 2007 4:53 PM

To: Heath, Jack; Shapero, Erin; Kanapathi, Logan

Subject: pesticide bylaw & why Bt should not be exempt

Thank you for giving me the opportunity to speak at the pesticide bylaw meeting a few days ago, and for the interest and encouragement you showed afterwards.

The main point I was trying to make is that when there is a lot of money to be made from selling a particular product, you can't always trust that enough is known about it, or even that you will be told the truth about it. Examples easily remembered are DDT (which was sworn by so many studies to be safe for over 30 years, until it was found to be toxic all the way up the food chain, and so persistent in the environment that even though it's been banned here since the early 1970's it can still be found in blood tests on humans); CFCs (think of how many aerosol cans we've used already in our lifetimes, and now the CFCs have been banned, but are still eating away at the ozone); asbestos; cigarettes; thalidomide; the list goes on and on.

An exemption for Bt is not adviseable, in light of the fact that it kills all lepidopterae (butterflies and moths) indiscriminately, the health effects on humans are insufficiently known, and it is presently being aerially sprayed over vast areas of Mississauga and Etobicoke (meaning it is on someone's agenda to promote this, and it could happen here as well).

Here are some informative links you can click on for more information regarding what I was talking about at the public meeting on the proposed pesticide bylaw (May 23rd, 2007).

Information about Bt and Btk:

<http://www.nosprayzone.org/pesticides/quickBtfacts.html>

<http://www.pesticide.org/btk.pdf>

<http://savesaltspring.com/nospray.html>

An example of an "inert ingredient" in Roundup that kills tadpoles:

<http://pubs.acs.org/cen/news/83/i15/print/8315notw8.html>

The definition of "inert ingredients" or "other ingredients" as found in pesticides:

<http://www.epa.gov/opprd001/inerts/>

30/05/2007

I realize you are all very busy, but I hope you can find the time to read some of the information on these websites. I have tried to keep the list short and sweet. If you need any more information or would like to discuss any of this, please feel free to call. Andy (McKinnon) can be reached at 647-225-5900, or email me at catbt2004@yahoo.ca.

Regards,
Cat Beattie

All new Yahoo! Mail

Get news delivered. Enjoy RSS feeds right on your Mail page.

-----Original Message-----

From: Jean Roy [mailto:jean.roy23@sympatico.ca]

Sent: May 27, 2007 4:27 PM

To: Heath, Jack

Subject: Markham pesticide by-law regarding golf courses which meet the Integrated Pest Management (IPM) accreditation

Councillor Heath,

I am a golfing member of the Bayview Golf and Country Club located on Fairway Heights Drive, Markham and I understand the Town of Markham is considering a proposed by-law that would ban pesticide use across Markham.

This is to let you know that I fully support the reduction in the use of pesticides in the environment. I also support the proposed Markham by-law as long as such by-law exempts the golf courses which are meeting the Integrated Pest Management (IPM) accreditation.

Jean Roy_____

19 Foursome Cr.
Toronto, On
M2P 1W1
Tel: 416-222-5991

30/05/2007

-----Original Message-----

From: Don Hannigan [mailto:dhannigan@hanneng.com]
Sent: May 28, 2007 1:52 PM
To: Scarpitti, Frank
Cc: Jcoleman
Subject:

Dear Mr. Mayor and Councilors:

As a member of Bayview Country Club and resident of the Town Markham, I urge you to exempt golf courses, that are IPM Accredited, in your proposed by-law that would ban pesticide use in the municipality. The presentation recently made to Markham Council by Bayview's Golf Course Manager, Thom Charters, is attached below, and outlines the responsible steps which all IPM Accredited Golf Clubs implement on a daily basis.

Please take time to re-visit this document. I'm sure that after your review it will be clear that IPM Accredited Golf Courses, which include Bayview Country Club, have an insignificant effect on the addition of banned pesticides in our community, particularly compared to residential properties.

Thank you for your time.

Donald J. Hannigan, P.Eng.
Hannigan Engineering Limited
401-3901 Highway 7
Vaughan, ON L4L 8L5
T: 905 850-4400 x222
E: dhannigan@hanneng.com

-----Original Message-----

From: Bill Milhausen [mailto:billmilhausen@sympatico.ca]

Sent: May 29, 2007 6:01 PM

To: Scarpitti, Frank; Jones, Jim; Heath, Jack; Wong, Tony; Landon, Gord; Burke, Valerie; Shapero, Erin; Virgilio, Joseph; Moretti, Carolina; Webster, John; Horchik, Dan; Ikanapthi@markham.ca; Chiu, Alex

Subject: Pesticide Ban

Dear Mayor and Councillors:

As a member of Bayview Country Club I fully endorse the presentation made by our Golf Course Manager on 23 May 2007 to you to exempt Golf courses from your intended by-law to ban pesticide use in Markham. Our course is IPM Accredited and as such causes no harm to the environment. Please exempt Golf Courses from your by-law and especially those that are IPM Accredited.

Yours sincerely

W.J.Milhausen, P.Eng
406-4005 Bayview Ave
North York, Ont.
M2M 3Z9

30/05/2007

-----Original Message-----

From: Bill and Hanne Gilbert [mailto:billandhanne@rogers.com]

Sent: May 29, 2007 5:05 PM

To: Heath, Jack

Subject: Pesticides

I am a member of the Bayview Golf and Country Club and am writing you concerning the banning of pesticides being considered by the Markham Council.

Our club has always been a good citizen, hiring the highest quality of greenskeepers and taking great care to present a golf course that is not only aesthetic but safe for wildlife and humans alike. Our current golf course manager, Mr. Thom Charters, is very experienced, thoroughly educated, and fully qualified, in turf maintenance. He is accredited in the use of chemicals for this purpose. He takes his responsibilities seriously.

I believe that there is good reason to exempt golf courses, which have this type of expertise available, from the pesticide ban being proposed.

I respectfully request your favourable consideration for an exemption for the Bayview Golf and Country Club.

Thank you,

Bill Gilbert.

>PS - Legislators at all levels of government are currently under
>considerable pressure to take any measures that seem appropriate to
>deal with environmental issues. These pressures arise because of an
>incredible amount of misleading information and dire predictions
>about the future if we do not do something now that appear daily in
>the media. Most of these claims are rhetoric and simply bad science.
>The voice of those scientists who have studied the issues at depth
>and researched the claims of the 'environmentalists' are simply not
>being heard at present. Fortunately, there are many good, rational
>books on the subject and one that is extremely comprehensive and
>thoroughly researched using the most reliable sources is "The
>Skeptical Environmentalist" by Bjorn Lomborg, associate professor of
>statistics at the University of Aarhus, Denmark. I urge you to read
>it before deciding on the proposed bylaw.

-----Original Message-----

From: Susan Zorzi [mailto:szorzi@sympatico.ca]

Sent: May 30, 2007 7:50 AM

To: Scarpitti, Frank; Jones, Jim; Heath, Jack; Wong, Tony; Landon, Gord; Burke, Valerie; Shapero, Erin; Virgilio, Joseph; Moretti, Carolina; webster@markham.ca; Horchik, Dan; Ikanapthi@markham.ca

Subject: Town of Markham ban on pesticide use & exemption for golf courses

Dear Mayor and Councilors,

I am writing about the Town of Markham's proposed by-law that would ban pesticide use in the municipality. I understand that the draft includes an exemption for IPM Accredited golf courses, as is the case in the City of Toronto. I also understand there are concerned residents who would like to eliminate this exemption.

I have been a member of Bayview Golf and Country Club for 40 years. It is in my personal best interest and that of my family to ensure that the grounds of the golf course be maintained as safely as possible with minimum pesticide use. It goes without saying that Thom Charters, our grounds superintendent, is in full agreement. Proper controls must be implemented so that chemical use is kept to a minimum and society as a whole is protected. I believe the IPM Accreditation is the proper means of ensuring this objective and would ask that you give due consideration to my submission

Yours truly,

Susan Zorzi

30/05/2007

CC: MEMBERS OF Council

J. SALES

M. Urquhart

May 25/07

Mayor & Councillors of Town of Markham
c/o Sheila Birrell, Clerk
101 Town Centre Blvd
Markham ON L3R 9W3

Regarding regulating non-essential
use of pesticides

We hear of so many shocking
misuses of pesticides it is urgent
we pass a strong & loophole-free
by-law immediately. (Golf courses
should not be exempt and the
infestation clause should be re-
moved.) These contaminants are
in your body, my body and even
the bodies of tiny babies. Will
we wait as we did with DDT

RECEIVED

MAY 29 2007

TOWN OF MARKHAM
CLERKS DEPT.

or have we learned from previous mistakes?

Our health and the health of plants, animals and all living things depends on eliminating these poisons. Our soil is permeated and much of the water is no longer safe.

How much more damage must be done before we hear the wake-up call and stop defiling this wonderful planet of ours? PLEASE ACT NOW!!!

Muriel Farrant
123 Woodward Ave
Thornhill L3T1G1

Mayor Scarpitti and Councillors, Town of Markham,

We are corresponding to voice our concerns regarding the proposed pesticide bylaw. It is our view that an exemption for golf courses be included in the new bylaw, conditional upon each individual golf course be qualified and accredited through the IPM (Integrated Pest Management) program.

Golf courses are not just a recreational venue for players of the game; golf courses maintain and manage significant acreage which benefits all citizens in many ways. Golf courses:

- * produce oxygen
- * reduce carbon and atmospheric particulates
- * provide habitat for a variety of wildlife
- * reduce urban noise
- * filter precipitation and surface water
- * maintain soil from erosion
- * provide a natural esthetic
- * increase property values, and thereby the town's assessment base

The majority of golf courses, through their management and greens keepers, have approached this issue in a responsible manner for sound financial, health and safety as well as environment reasons. Government approved products are applied by licensed applicators and used only as necessary, usually on less than 5% of a course.

It is essential that golf course management have the tools they need to manage their properties to ensure the financial viability of the golf club and to maintain the societal and environmental benefits we have listed above.

Thank you for your time and consideration of our concerns.

Susan and Carl Nanni
Residents, Thornhill

-----Original Message-----

From: don bichard [mailto:dsbichard@sympatico.ca]

Sent: May 27, 2007 9:25 AM

To: Scarpitti, Frank; Jones, Jim; Heath, Jack; Wong, Tony; Landon, Gord; Burke, Valerie; Shapero, Erin; Virgilio, Joseph; Moretti, Carolina; Webster, John; Horchik, Dan; Ikanapthi@markham.ca; Chiu, Alex

Cc: 'Joe Coleman'

Subject: Peatocide By Law Exclusion for Golf courses

Dear Mr. Mayor and area councilors,

I am a member of Bayview Country Club. I hold no position in the management of the club nor am I active on any of operating committees.

I am of the opinion that Bayview, under the direction of Thom Charters, is using a cautious, measured and sensible approach in managing the concerns that we all have in preserving the environment.

Under his direction, Bayview has been a member of the IPM Council of Ontario Accreditation Program since 2006. Thom Charters is deeply committed to the preservation of the environment as are all members of Bayview. If you have any doubts, it would be in the best interest of you and your committee to confer with Thom directly. I urge you to exclude golf courses from the pesticide by-law that is being proposed.

Yours truly
Don Bichard

31/05/2007

APPENDIX 4



MINUTES **PUBLIC INFORMATION MEETING** **PESTICIDE** **2007-05-23**

Attendance

Mayor F. Scarpitti
Regional Councillor J. Heath
Regional Councillor T. Wong
Regional Councillor G. Landon
Councillor E. Shapero
Councillor V. Burke
Councillor C. Moretti
Councillor J. Webster
Councillor L. Kanapathi
Councillor A. Chiu

J. Livey, CAO
P. Ingham, General Manager Operations
M. Ingwersen, District Manager West
P. Loukes, Director Operations
A. Seabrook, Director Strategic Services
M. Urquart, Manager Environmental Leadership
B. Wiles, Manager By-law Enforcement & Licensing
L. Valentini, Assistant Town Solicitor
A. Tari, Committee Clerk

The Pesticide Public Information Meeting convened at the hour of 7:03 p.m. with Mayor Frank Scarpitti in the Chair.

Mayor F. Scarpitti welcomed members of the audience, and advised that the subject of this Public Information Meeting is to get public input on a proposed draft By-law with respect to the non-essential use of pesticides.

1. STAFF PRESENTATION

Mavis Urquart provided a presentation on the Town's current pesticide reduction program and on the proposed draft By-law to regulate the non-essential use of pesticides on public and private property.

2. PUBLIC COMMENTS OF PROPOSED BY-LAW

Keith Bray, Markham Board of Trade, read a prepared text stating the Board's position with respect to the proposed draft By-law. Mr. Bray suggested the following amendments be considered by Council:

- (1) Proper soil depths and reasonable quality soil must be insisted on.
- (2) Industrial and commercial properties should be allowed to spray infected areas using only a fine mist backpack sprayer by licensed professionals.

- (3) Fines of not less than \$1000 should be imposed on a person who incorrectly uses pesticides.
- (4) No products should be used with a toxic content higher than commercial vinegar including application by a licensed professional.
- (5) The Town needs to make residents aware of new and safe products.

Kevin Thistle, President of Angus Glen Golf and Country Club, addressed Council on the economic benefits of golf within the Town of Markham. Mr. Thistle stated that the Club already practices IPM (Integrated Pest Management). Mr. Thistle indicated he is in support of the by-law providing it includes an exemption for golf courses.

Tom Charter, Manager, Bayview Golf & Country Club read a prepared text outlining the Club's position with respect to the proposed draft By-law. Mr. Charter discussed the benefits of golf courses both environmentally and economically. He stated that Bayview Golf and Country Club became fully IPM accredited in 2006. He also indicated pesticide reduction is taken very seriously at the Club and is in favour of the by-law provided it contains an exemption for golf courses that are fully accredited in IPM.

Mr. Ginsburg addressed Council on the issue of the inclusion of a golf course exemption in the proposed draft By-law. Mr. Ginsburg stated he has been playing golf for the last 50 years and is very pleased with the steps already taken by golf courses who are practising IPM.

Mrs. Ginsburg addressed Council on the proposed draft By-law stating it is essential to provide educational programs for the residents once the By-law has been enacted.

Terry Yamada, Royal Canadian Golf Association, addressed Council on the proposed draft By-law. Ms. Yamada stated they are responsible for bringing the Canadian Open to Angus Glen Golf and Country Club this year and the PGA requires pristine playing conditions. Ms. Yamada is in support of the proposed draft by-law and suggested Council take into consideration the fact that full IPM accreditation takes up to three years to obtain.

Lloyd Helferty, Richmond Hill Naturalists, read a prepared text stating their position on the proposed draft By-law. Mr. Helferty advised they are in support of the draft by-law and indicated that educational programs and workshops such as "Healthy Yards Program" need to be continued.

Harry Vizl addressed Council with respect to the proposed draft By-law, stating pesticide products are tested and approved at a Federal level before they are sold in department stores. Mr. Vizl advised he is not in support of the proposed by-law and feels residents

should be given the choice to use pesticides on their lawn if they choose to. He also indicated golf courses should not be exempted from a pesticide By-law if one is passed.

Mr. Mike Hough, addressed Council with respect to the proposed draft By-law indicating his support of the By-law and stating he feels residents need to change their mindset with respect to how residential lawns should appear.

Mr. Karl L.R. Mahler representing York Region Environmental Alliance read a prepared text stating the Alliance's position with respect to the proposed draft By-law. Mr. Mahler stated both the Thornhill Horticultural Society and the York Region Environmental Alliance are in support of the draft By-law and suggested restrictions to golf-greens, hydro corridors, railroad tracks, etc. be maintained.

Dr. Hilary DeVerber, Canadian Physicians for the Environment, addressed Council on the proposed draft By-law to regulate the non-essential use of pesticides. Dr. DeVerber encouraged Council to pass the strongest By-law possible. She indicated that studies show the use of pesticides pose a threat to human health and that the adverse health affects are grouped into three categories, cancer, neurological and reproductive system.

Mr. Tom Wridolin read a prepared text stating his position with respect to the proposed draft By-law. He advised he is a homeowner in Markham and Roxboro Quebec where pesticide restrictions have been in place since 1994. Mr. Wridolin advised he is not supportive of an exemption for golf courses. He also feels the by-law should be very specific if it provides for the use of pesticides to control pests which have caused infestation to a property.

Mr. David Moon, Remington Park Golf & Country Club, addressed Council with respect to the ban on the use of pesticides. Mr. Moon requested that if the by-law is enacted, golf courses be exempted provided they practise IPM.

Mr. Philip Ling addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides. Mr. Ling is in support of the by-law and feels there should be no exemptions. He also indicated that educational programs should be put in place.

Mr. Richard Jarrell, Markham Environmental Alliance, addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides. Mr. Jarrell advised education is essential and that the Thornhill Horticultural Society is willing to help in any way they can. He believes the enforcement of the by-law be difficult.

Ms. Janet Kasperski, Chief Executive Office of The Ontario College of Family Physicians (OCFP) read a prepared text stating their position with respect to the proposed draft By-law to regulate the non-essential use of pesticides. Ms. Kasperski stated the OCFP is very concerned about the side effects of pesticide exposure on human health. The OCFP performed a comprehensive literature review and found alarming evidence

that pesticide exposure is not safe at any level and children and pregnant women are especially vulnerable to adverse health effects. Ms. Kasperski advised that the OCFP and she personally are in support of passing a strong cosmetic pesticide by-law.

Mr. John Bowen, Hydro One, addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides. Mr. Bowan suggested Council change the word “weed” to “vegetation” under the exemption clause to accurately reflect their programs.

Mr. Leonardo Delafuente, York Downs Golf & Country Club addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides. Mr. Leonardo is in support of the proposed by-law and requested an exemption for golf courses.

Mr. Percy Surti addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides. He is suggesting the Town have educational workshops available to residents to explain alternative methods to control weeds.

Don Crymble, Markham Green Golf Club, addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides. He stated pesticides are used at golf courses to provide for excellent playing conditions. He also believes golf courses use pesticides responsibly.

Giden Forman, the Canadian Association of Physicians for the Environment, addressed Council with respect to the proposed draft By-law. He indicated he is in support of the by-law and agrees with using the City of Toronto by-law as a guide. He suggested the reference in the by-law to “infestation” be removed to ensure strong enforcement.

Ms. Asifa Sheikh addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides stating she is in support of the by-law and encouraged Council to enact the strongest pesticide by-law possible.

Mr. Andrew Rodie addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides. He suggested page 3 of the draft by-law (section xiii) should include “must be IPM accredited before being able to use any pesticides.”

Ms. Alana Gotz addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides, indicating she is in support of the proposed by-law and feels education is essential.

Ms. Judith Murray addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides, indicating she is in support of the by-law and would like to see educational workshops and strong enforcement.

Mr. Andy McKinnon addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides. He stated he is in support of the by-law and expressed concerns with the exemption of products with the ingredient *Bacillus Thuringiensis* (BT) as he believes this exemption should not be a part of the by-law because of the danger it could have on soft body insects.

Ms. Cat Beattie addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides, indicating her support of the proposed by-law.

Ms. Deirdre Kavanagh addressed Council with respect to the proposed draft By-law to regulate the non-essential use of pesticides, indicating her support of the by-law. She stated educational workshops are necessary and also that golf courses should only receive exemption if they practice and are IPM certified.

3. WRITTEN SUBMISSIONS RECEIVED

Members of Council agreed to receive the written submission with respect to the proposed draft by-law to regulate the non-essential use of pesticides.

Mayor Frank Scarpitti thanked members in the audience for attending this Pesticide Public Information Meeting and for their input and suggestions. He also encouraged members of the audience to take five minutes and fill out the survey on the "Education Program". Mayor F. Scarpitti advised a report will go forward to General Committee in June and encouraged attendees to complete a contact information sheet to ensure they are notified of the meeting date. He also noted the meeting date will be posted on the Town's website and thanked all members of Council for attending the meeting and staff for all their efforts for organizing this evening.

The pesticide public information meeting adjourned at 9:05 p.m.

Ontario IPM Accreditation Program

- What is the IPM Accreditation Program?
- How does my company become IPM accredited?
- To begin the IPM Accreditation Examination process
- What are the recommended study materials for the Examination?
- To begin the Desk Review Audit process
- Information for On-Site Audit process
- Information Guide for Continuing Education Credits
- Information for IPM Accreditation in Atlantic Canada

For questions or comments about this website or the information contained herein, please contact:

IPM Accreditation Program
c/o RCUofG, 120 Main St. East
Ridgetown, Ontario CANADA N0P 2C0
Telephone: 1-866-385-4762
Fax: 519-674-1585
E-mail: ipmap@ridgetownc.uoguelph.ca

What is the IPM Accreditation Program?

IPM Accreditation Program (IPMAP) recognizes companies, park systems, golf clubs and their superintendents, and other interested institutions who demonstrate their knowledge of and commitment to the principles of IPM through a process of certification, audit, and professional development.

This program has been developed by the IPM-PHC Council of Ontario. The Council consists of industry associations, and community environmental groups committed to having integrated pest management (IPM) as the new standard in turf and landscape care.

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How does my company become IPM accredited?

Accreditation is granted by the IPM-PHC Council of Ontario. In order to become accredited, you must complete the following process:

1. IPM Accreditation Examination

One person from your company must demonstrate his/her knowledge of IPM by successfully completing the IPM-PHC Council "IPM Accreditation Examination". This person is known as the *IPM Agent* for your company. After completing this step, your company becomes "Registered".

2. Desk Review Audit

After your company is Registered, you must go through an annual Desk Review Audit, to show your compliance with pesticide usage, pesticide reduction where appropriate, employee training and management, and appropriate customer education and mass marketing materials. This review is supervised or conducted by an approved environmental auditor. When you successfully complete this audit, your company will become "Accredited - Level I". The Audit fee is \$435.00 annually.

3. On-site Audit

At least once every three years, your company must submit to an On-site Audit. You will become "Accredited-Level II" when you satisfactorily complete the On-site Audit. The On-site Audit is conducted by a Certified Environmental Auditor, designated through the Canadian Environmental Auditing Association.

Your company will be granted Accreditation on an ongoing basis if you meet the requirements set out by the IPM-PHC Council each year, and you have paid your fees in full.

4. Continuing Education Credits

After completing the IPM Examination, IPM Agents must obtain a minimum of 8 Continuing Education Credits (CEC) every year. CEC are obtained by attending industry conferences, meetings and seminars. IPM Agents may also write the IPM-PHC Council "IPM Accreditation Examination" each year instead of obtaining CEC's.

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To begin the IPM Accreditation process, you must:

[Click here for the Information Guide and Application Form for the IPM Accreditation Examination.](#)

1. **Complete the application form attached and return with your payment of \$200** to IPM Accreditation Program (IPMAP).
2. **Review the study materials** that are recommended reading for the examination.
3. **Schedule your IPM Accreditation Examination** by selecting a date and location from the list provided to you by IPMAP. The accreditation examination is multiple-choice and true/false, and is 80 questions long. It is closed book, and you have 90 minutes to complete it.
4. **Successfully complete the Examination** with a mark of 75% or greater. You will then receive an IPM Accreditation Certificate. If you fail on your first examination attempt, you have 12 months to rewrite the examination without paying an additional examination fee.

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What are the recommended study materials for the IPM Accreditation Examination?

You are responsible for obtaining your own study material to prepare for the examination. The IPM-PHC Council currently recommends the following study material:

- OMAF Publication #384: "Turf grass Management Recommendations"
- OMAF Publication #162: "Diseases and Insects of Turf in Ontario"
- OMAF Publication #816: "Turf IPM Manual"

OMAF Publications are available from:
Publications Ontario, 1-888-466-2372, or on-line at
<http://www.gov.on.ca/MBS/english/publications/>

- "Integrated Pest Management Manual for LANDSCAPE PESTS in British Columbia": Chapters 1-7, excluding Chapter 3.

Downloadable from the following website:
<http://wlapwww.gov.bc.ca/epd/epdpa/eripm/landshhtm/Content.htm>

The recommended study material for the "IPM Accreditation - Atlantic Lawn Care Examination" includes:

- "Atlantic Sustainable Turf Manual"

Downloadable from the following website:

<http://nbhta.ca>

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To begin the Desk Review Audit Process:

To register for the Desk Review Audit Process:

[Click here for the Information Guide and Application Form for Lawn Care](#)

You must submit the following forms to complete the Desk Review Audit.

- Pesticide Usage Form
- Training Documentation Form
- Marketing and Customer Education Form

[Click here for the Information Guide and Application Form for Golf](#)

You must submit the following forms to complete the Desk Review Audit Process

- Monitoring Verification Form
- Training Documentation Form
- Equipment Calibration Form
- Hot Spot Management

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Information for On-Site Audit Process:

[Click here for a Pre-Audit Checklist for Agent](#)

Information Guide for Continuing Education Credits:

For details concerning the Continuing Education Credits (CEC) and a CEC Reporting Form, [click here](#).

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Information Guide for IPM Accreditation in Atlantic Canada:

IPM Accreditation Program (IPMAP) will recognize companies from Atlantic Canada who demonstrate their knowledge of and commitment to the principles of IPM through a process of certification, audit, and professional development.

The IPM Accreditation process is the same for companies from Atlantic Canada as it is in Ontario. IPM Agents from the Atlantic region have the option to write the "IPM Accreditation - Atlantic Lawn Care Examination." This examination is based upon the following recommended study manual:

- "Atlantic Sustainable Turf Manual"

This manual is available from the NBHTA website:

<http://nbhta.ca>

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WILLAND GROUNDS MAINTENANCE

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June 4, 2007

Town of Markham

Dear Mavis Urquhart:

My name is Willem Tiemersma and I am the owner of Willand Grounds Maintenance. We maintain many industrial and commercial properties in Markham as well in Toronto. On May 23rd 2007, I attended the Town Meeting regarding a proposed by-law for banning non-essential use of Pesticides. After the meeting I met with several people who see themselves as environmentalists against all pesticide use and promote organic practices. I explained to them that my company has successfully reduced chemical pesticides by 80%-90% on many of our properties. On these sites we apply herbicides only on lawn areas by front entrances, by signs and around annual beds and spray round up on weeds in walk ways, along curbs and cracks in asphalt. Their response was that this approach should be promoted by the town and not punished like it is now in Toronto under their by-law.

This drastic reduction of 80% - 90% is very easy to reach if the town bans herbicides applications with motorized sprayers and allow spot spraying with backpack sprayers for industrial and commercial properties.

I am sure that with such an amendment there will be in the future:

- 1) Less illegal spraying
- 2) More presentable commercial properties (less weeds in interlock walkways, along curbs and in lawn areas by entrances where extensive salt use kills the grass and promote dandelions, plantane etc.)
- 3) Less chemicals in hands of non trained and non licensed applicators
- 4) A greater total reduction of pesticides than what Toronto has reached (i.e. 35%) with their by-law

Corporations that have their grounds environmentally responsibly maintained with extra costly services like: aerating, topdressing, speciality fertilizing, mowing with mulching mowers at a higher height and more frequency should be stimulated.

By allowing spot spraying, herbicides with backpack sprayers, you promote corporations to implement environmental services and preserve a good company image.

A total pesticide ban will lead to "I don't care" attitude - like some of my Toronto customers and cancel annual flower planting and landscape upgradings.

At the Town's meeting, several speakers brought forward the above-mentioned points. One of the most impressive and realistic presentation was by the Markham Board of Trade who represented more than thousand businesses. These businesses are the heart of our town and the City Council should not ignore them.

I hope the Town Council will consider making the following amendment under restrictions (b) - XVI - "to control weeds by means of a manual backpack sprayer on properties larger than 1acre and zoned for industrial and commercial use".

If you have any questions, please do not hesitate to contact me.

Willem Tiemersma
President/ Owner

