



**COMMUNITY SERVICES DEPARTMENT • SERVICES COMMUNAUTAIRES**

*INSECT CONTROL BRANCH • DIRECTION DE LA LUTTE CONTRE LES INSECTES*

July 28, 2010

Tracey Braun  
Director, Environmental Assessment and Licensing Branch  
Manitoba Conservation  
123 Main St. Suite 160  
Winnipeg, MB R3C 1A5

**RE: Pesticide Use Permit #2010052**

Dear Tracey,

On July 21, 2010, Winnipeg City Council approved a Mosquito Control Program report, containing seven recommended changes to the current nuisance larval and adult mosquito control requirements. Three of these recommendations propose revisions to conditions imposed in the City's current Pesticide Use Permit #2010052. Immediately following Council's decision, in a letter dated July 21, 2010, the Honourable Bill Blaikie wrote to Mayor Sam Katz, advising that the Province was open to revisions to the Permit but that a formal application from the Insect Control Branch for the revisions was necessary before they could be considered.

Accordingly, on behalf of the City of Winnipeg's Insect Control Branch, I hereby request the Environmental Assessment and Licensing Branch of Manitoba Conservation review the following recommended changes to the current Pesticide Use Permit #2010052 which have been adopted by Winnipeg's City Council; and hereby formally apply for the revisions to the Permit as approved by Council.

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The three relevant recommendations approved by Council are as follows:

- 1. That the Province of Manitoba reduce the size of the buffer zone currently stipulated in the 2010 Pesticide Use Permit.**

The current buffer zone size requirement of 100 meters is based on Malathion's 95ULV's swath width from the back of a cold ULV fogger properly calibrated to release 180ml/min in the droplet size range of 12-20 microns. The literature, in addition to the City of Winnipeg's own testing, has shown that the effective swath width is 90 meters in normal application conditions. (That is, based on the product label's application rate in normal application conditions, any drift of Malathion would occur 90 meters from the rear of the truck travelling at approximately 15 km/h.) The Minister of Conservation, in his letter of July 21, 2010, indicated that the Province of Manitoba is amenable to a buffer zone of at least the size of an individual's property. To accommodate this, the Insect Control Branch has field tested its current GPS system in combination with our ULV foggers and found that a buffer zone of a minimum of 15 meters on either side of an anti-pesticide registrant's property line is required to be reasonably certain that the property would not be directly treated.

- 2. That the Province of Manitoba amend the minimum criterion for fogging from the current 3 consecutive days of greater than 25 adult female nuisance mosquitoes in the New Jersey Light Traps, to 2 consecutive days.**

City Council recognizes that this criterion only has to occur once per season and has already occurred in 2010; however, it is important that the change is made this year in advance of the 2011 Pesticide Use Permit application process. Having the ability to make an early, definitive decision will enable the treatment for adult mosquitoes to occur earlier in the hatching cycle, preventing the population from building to higher levels.

- 3. That the Province of Manitoba reduce from the current 48 hours to 24 hours the initial notice period to start a fogging program.**

As with #2 above, this requirement needs only to be met once each year and the City has already met this condition as a requirement for fogging in 2010. Nevertheless, City Council is requesting this requirement be changed in the 2010 permit in order to facilitate the 2011 permit application process. In reducing the notification period from 48 hours to 24 hours, the City will increase the measures used to notify the public, beyond what is currently in place. This change would facilitate a faster response to

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environmentally challenging seasons with high levels of nuisance mosquitoes, such as is occurring in the summer of 2010.

Thank you for your consideration of this request for changes to the City of Winnipeg's Pesticide Use Permit. I await your decision in this regard, and am available to meet at your convenience to discuss the matter further.

Regards,



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