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July 08<sup>th</sup>, 2024

## MOSQUITO CONTROL PROGRAM – KANATA NORTH

Weekly report –June 30<sup>th</sup> to July 06<sup>th</sup>, 2024

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### *MONITORING and WEATHER*

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**Accumulation of water:** total of 53,8 mm

Date of precipitation: June 30<sup>th</sup>, and July 03<sup>rd</sup>, 06<sup>th</sup>

**Is there presence of larvae on the field?:** Yes  No

**Note:**

### *TREATMENT*

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**Was there a treatment?:** Yes  No

**Type of treatment:** Ground  Aerial

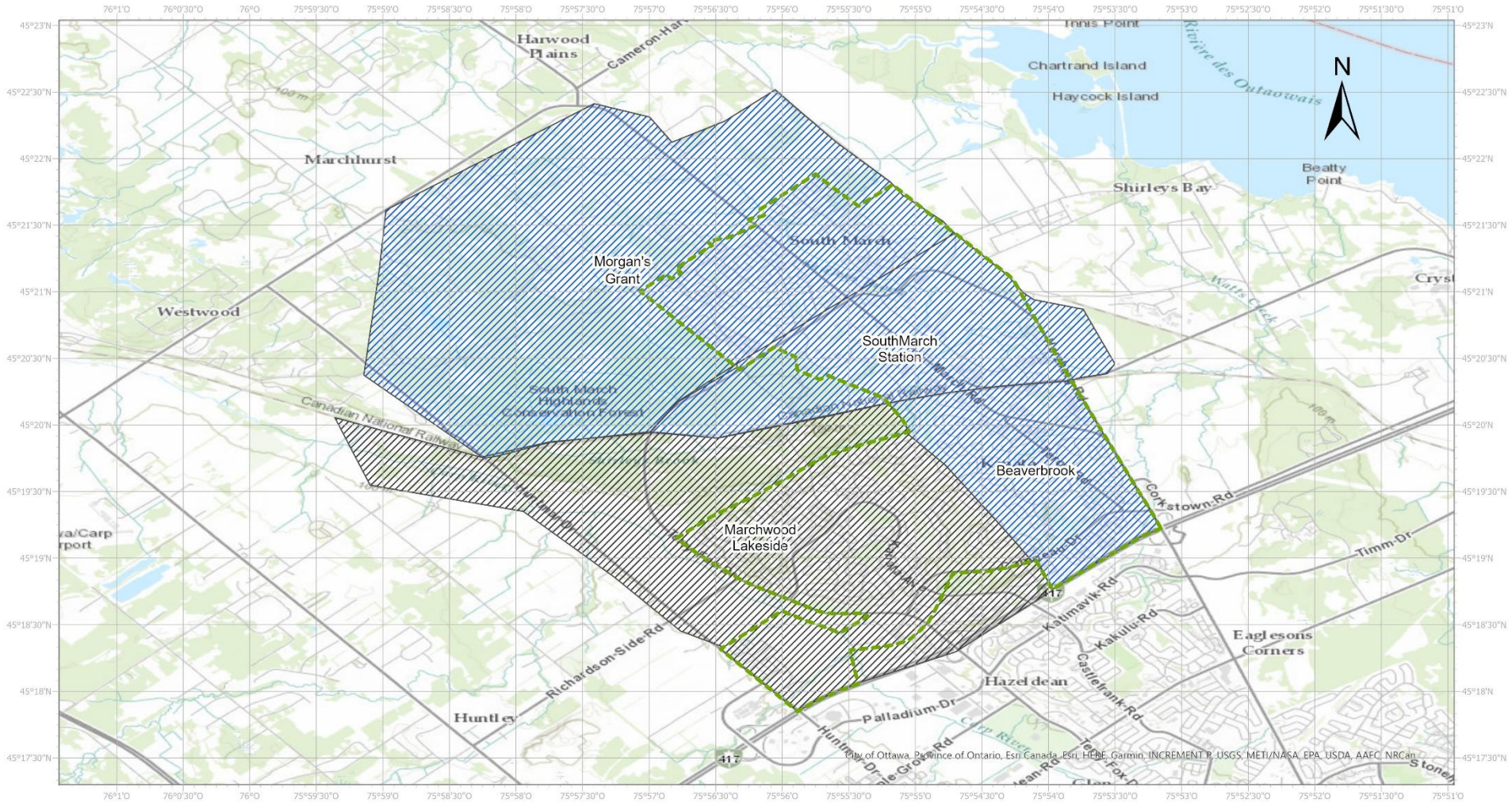
**Date of treatment:** As mentioned in the last report, the sixth treatment was started on June 25<sup>th</sup>.

The sixth treatment continued during the week and ended on June 30<sup>th</sup>. A post-treatment of all breeding sites followed, and an effective larval mortality was observed.

Since mosquitoes can fly up to 2 km, (even more in some circumstances), it is important to mention that treatments done in one area reduce nuisances for all the protected area in Kanata North, not only the area treated.

Kanata nuisance mosquito control GDG 2024





# Biting Insects Control Mosquito Treatment Map Kanata, June 30<sup>th</sup> to July 06<sup>th</sup> 2024

- Legend**
- Aerial and Ground Treated Neighborhood
  - Ground Treated Neighborhood
  - Protected Area

**1:50 000**  
0      2      4 km



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### POST TREATMENT

Was there a post-treatment? : Yes  No

Larval Mortality: Sites that have been prospected post treatment were showing optimal mortality.

Is there another treatment to be done?: Yes  No

### SWEEP TEST

Were there sweep tests this week? : Yes  No

Sweep test has been done on July 02<sup>nd</sup>.

Time	Address - Protected area	Mosquito	Black flies	Other species	Address - Unprotected area	Mosquito	Black flies	Other species	% Efficacy (Mosquito)
21:07	124 marsh sparrow	0	0	33	Out average	36	15	4	100,0%
20:32	2600 Campeau Dr.	0	4	11	Out average	36	15	4	100,0%
19:01	Calvington avenue	0	0	1	Out average	36	15	4	100,0%
18:45	35 Arkose street	1	0	0	Out average	36	15	4	97,2%
19:24	Laughlin cercle	0	14	1	Out average	36	15	4	100,0%
19:43	400 Goldridge	0	12	13	Out average	36	15	4	100,0%
20:10	Walden park	0	7	5	Out average	36	15	4	100,0%
19:00	50 Flamborough way	1	3	1	Out average	36	15	4	97,2%
	Average	0			Average	36			99,3%

Out average

Time	Address - Unprotected area	Mosquito	Black flies	Other species
20:28	Mattawa park	18	10	3
19:55	Pineridge road	53	19	5



**Calvington Avenue**



**35 Arkose Street**



**50 Flamborough Way**



**124 Marsh Sparrow Pvt**



**Walden Park**



**400 Goldridge Dr.**



**Laughlin Circle**



**2600 Campeau Dr.**



**Mattawa Park**



**Pineridge road**



### TRAPPING

Was there trapping this week? : Yes  No

**Number of traps: 6**

**Location:**

- 362 Laughlin Circle
- South March Highlands Trail Network
- Marshes Village, 39 Turtle Point Private
- 228 Saddleback Cres, Arcadia
- Beaver Pond Park
- Marsh close to parking on 1001 Farrar Road

### CITIZEN REQUESTS

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**Were there any key requests from citizen or from city this week?** Yes  No

For the week of June 30<sup>th</sup> to July 06<sup>th</sup>, we addressed a citizen's complaint on Penfield Drive regarding mosquitoes at her home. We conducted a nuisance test and placed a trap to reduce the nuisance.

We have also received requests this week from these locations Grainstone Way, Nortoba Cres, Katnick Street, Flamborough Way, Fletcher Cir, and Walden Park which are currently being processed. We have done inspections of those sectors, we conducted nuisance test and placed traps to identified the nuisance. For now, no major problematic has been identified with those requests.

As indicated in the report of June 25<sup>th</sup>, we have noticed a localized resurgence of mosquitoes within and around the Carp River and the Beaver Pond. The hydrography of the Carp River is very favorable to the development of mosquitoes due to its unstable water level fluctuations. This can explain a localized resurgence of mosquitoes. We continue weekly prospections and spraying work to ensure a reduction in mosquitoes in the protected area.

We have also noticed that black fly populations are still high and can cause nuisance to citizens.



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**Forecast for next week (July 07<sup>th</sup> to July 13<sup>th</sup>):**

For this new week, we will resume the inspection of all breeding sites. If larvae are found, they will be treated.

**Possible treatment:** Yes  No

If yes:

**Type of treatment:** Ground  Aerial

**Date of planned:** Type of treatment depend on quantities of water in the sites.

**Jean-Philippe Gagnon**

Field Coordinator

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Project manager

