

MOSQUITO CONTROL PROGRAM – KANATA NORTH

Weekly report –July 07th to July 13th, 2024

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MONITORING and WEATHER

Accumulation of water: total of 37,0 mm

Date of precipitation: July 09th to July 13th

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

Note:

TREATMENT

Was there a treatment?: Yes ☒ No ☐

Type of treatment: Ground ☒ Aerial ☒

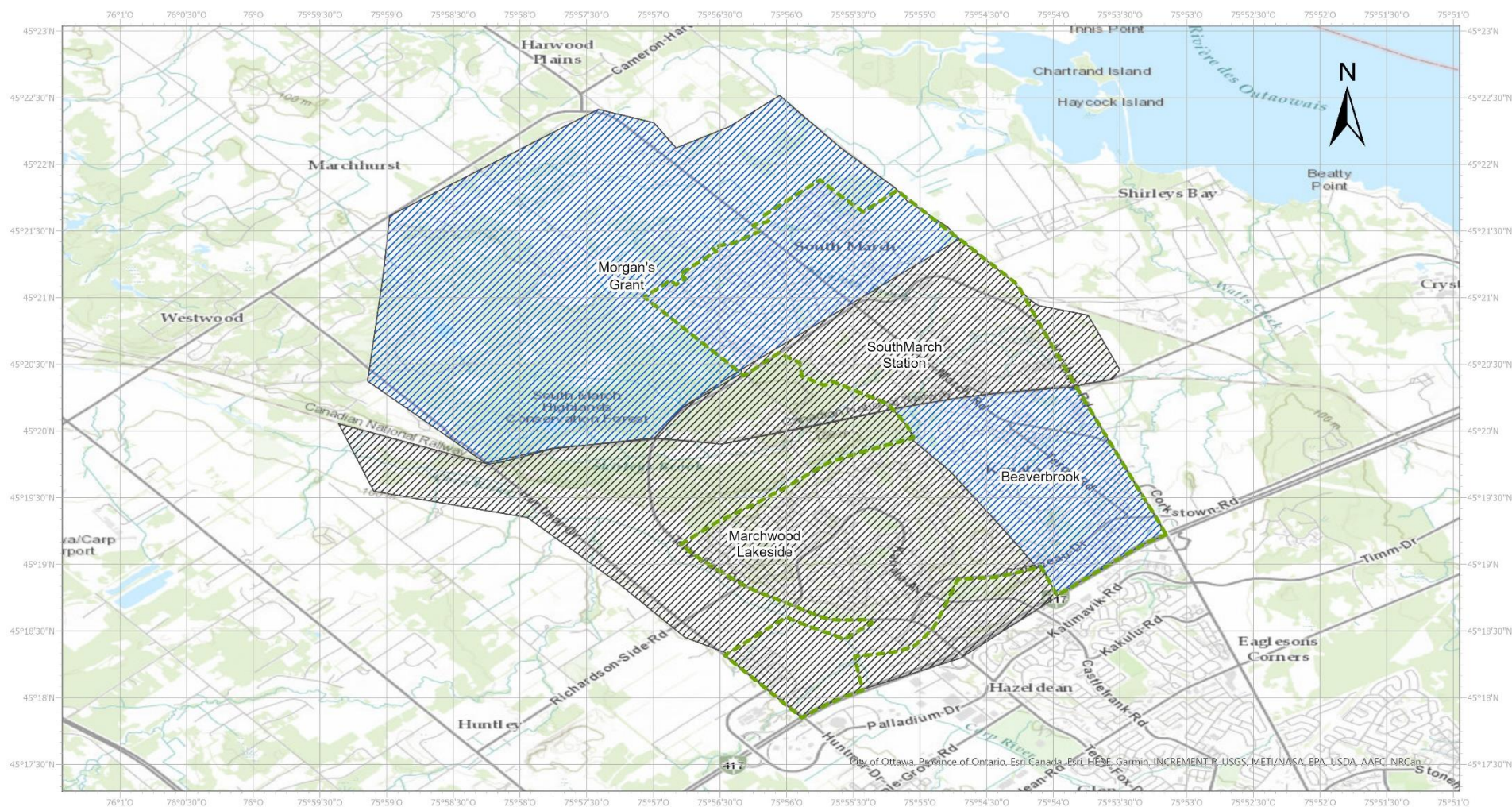
Date of treatment: As mentioned in the last report, the post- treatment was completed during the week.

On July 10th, we started the seventh treatment. Aerial treatment (drone) has been done on July 12th and 13th too. This week, those aerial treatment are localised mainly in Beaver Pond area, Carp River area and near the Kanata Highlands Public School. The ground treatment is still ongoing in all sectors of Kanata.

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 aera in Kanata North, not only the area treated.

Kanata nuisance mosquito control GDG 2024








1:50 000
0 2 4 km



Biting Insects Control Mosquito Treatment Map Kanata, July 07th to 13th 2024

Legend

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

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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 ☒

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SWEEP TEST

Were there sweep tests this week? : Yes ☒ No ☐

Sweep test has been done on July 07th.

Time	Address - Protected area	Mosquito	Black flies	Other species	Address - Unprotected area	Mosquito	Black flies	Other species	% Efficacy (Mosquito)
21:20	124 marsh sparrow	0	4	5	Out average	10	8	4	100,0%
20:26	2600 Campeau Dr.	0	15	3	Out average	10	8	4	100,0%
19:10	Calvington avenue	2	0	1	Out average	10	8	4	78,9%
18:49	35 Arkose street	2	0	0	Out average	10	8	4	78,9%
19:17	Laughlin cercle	0	3	5	Out average	10	8	4	100,0%
19:30	400 Goldridge	1	100	0	Out average	10	8	4	89,5%
19:52	Walden park	1	13	1	Out average	10	8	4	89,5%
20:25	50 Flamborough way	0	5	3	Out average	10	8	4	100,0%
	Average	1			Average	10			92,1%

Out average

Time	Address - Unprotected area	Mosquito	Black flies	Other species
20:33	Mattawa park	7	1	2
20:00	Pineridge road	12	14	2

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Calvington Avenue



35 Arkose Street



50 Flamborough Way



124 Marsh Sparrow Pvt



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Walden Park



400 Goldridge Dr.



Laughlin Circle



2600 Campeau Dr.



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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 July 7th to July 13th, we received 18 requests, mainly in the sector Marchwood Lakeside (see sector map above).

We respond to each request by email or phone. We did inspection, nuisance test and trapping when it was necessary to identified major problematic. As we indicated in last reports, we have noticed a 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.

It is important to mention that this program is to reduce the nuisance caused by mosquitoes. Close treatment operations are carried out, coordinate with new larval hatchings, to reduce adult populations. Nuisance tests are done in treated areas compared to untreated areas and there is a notable reduction in mosquito populations, the expected results.

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 14th to July 20th):

For this new week, we will continue with the treatment and then do the post- treatment.

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, but for now, only ground treatment is planned.

Jean-Philippe Gagnon

Field Coordinator

Karolann Trépanier, M. Env.

Project manager

