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August 4th, 2025

1

MOSQUITO CONTROL PROGRAM – KANATA NORTH

Weekly report – July 27th to August 2nd, 2025

MONITORING and WEATHER

Accumulation of water: None.

Date of precipitation: N/A.

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

Note: The territory experienced a dry week with no measurable precipitation.

TREATMENT

Was there a treatment?: Yes ☐ No ☒

Type of treatment: Ground ☐ Aerial ☐

Date of treatment: N/A.

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POST TREATMENT

Was there a post-treatment? : Yes ☐ No ☒

Larval Mortality: N/A.

Is there another treatment to be done?: Yes ☐ No ☒

SWEEP TEST

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

Sweep tests were conducted on July 30th.

Time	Address - Protected area	Mosquito	Black flies	Other species	Unprotected area	Mosquito	Black flies	Other species	% Efficacy (Mosquito)
18:42	124 marsh sparrow	0	7	2	Out average	1	6	3,5	100,0%
19:58	2600 Campeau Dr.	0	3	0					100,0%
19:42	Calvington avenue	0	0	3					100,0%
19:24	35 Arkose street	0	6	2					100,0%
19:11	Laughlin cercle	0	28	5					100,0%
18:52	400 Goldridge	0	4	3					100,0%
19:29	Walden park	0	80	0					100,0%
19:03	50 Flamborough way	0	3	3					100,0%
Average		0,0							100,0%

Out average

Time	Address - Unprotected area	Mosquito	Black flies	Other species
20:35	Mattawa park	2	2	3
20:22	Pineridge road	0	10	4

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35, Akrose St.



50 Flamborough way



124 Marsh sparrow



400, Goldridge



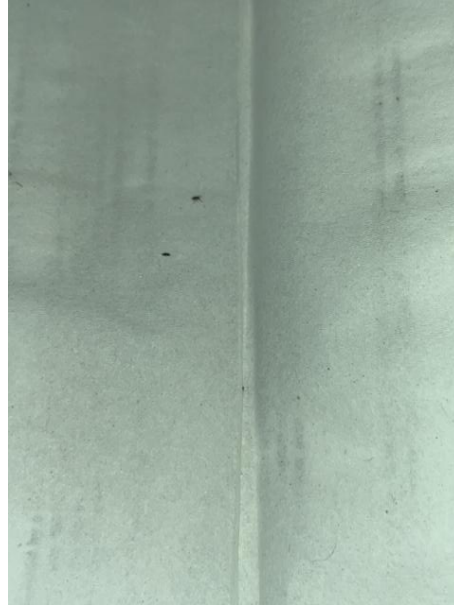
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2600, Campeau Dr.



Calvington Avenue



Laughlin circle



Walden Park



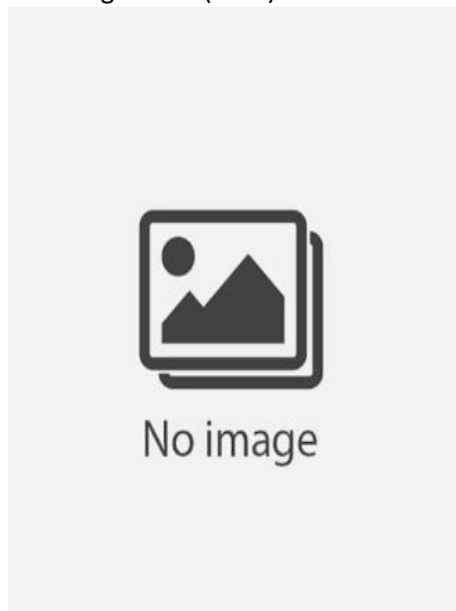
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Mattawa Park (OUT)



Pineridge road (OUT)



TRAPPING

Was there trapping this week? : Yes ☒ No ☐

Number of traps: 10

Location:

- Ernest Smith Park
- Beaver Pond Park
- Marsh Sparrow Pvt
- Old Carp Road
- Kizeli Pond
- Kanata Highlands Public School
- Statewood Drive
- Beacon Way
- Grand-Ourse Public Elementary School
- Leone Farrell Street

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CITIZEN REQUESTS

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

Here is one new request and an update on a previous inquiry from a citizen:

6

1 – A resident on Statewood Drive contacted us to report a significant mosquito nuisance last week. In response to her email, we sent an employee to inspect the property and set traps in the wooded area of her backyard. We have since added a potential mosquito breeding zone to our maps, though the area was dry during our visit. Laboratory identification results show a significant and predominant presence of the species *Coquillettidia perturbans*. We had already shared information about this species with the resident in our email reply. We plan to conduct an in-depth inspection for this species as soon as the first larvae hatch, which is typically at the end of August. It appears the species is especially abundant this year, likely due to the large amount of water that accumulated at the end of last summer.

2- Following a recent test conducted in a citizen's backyard in Morgan's Grant, our laboratory identified all five captured mosquitoes as *Coquillettidia perturbans*. As mentioned above, we will soon conduct a thorough inspection of the typical breeding habitats of this species. This mosquito species requires a separate treatment protocol, as its life cycle differs considerably from that of other mosquito larvae in our control program. *Coquillettidia perturbans* larvae hatch in August and overwinter in wetlands. Adults emerge only in June and peak in mid-July, then gradually decline until September. Unlike other species, these larvae do not live freely in water; they attach themselves to the roots of aquatic plants. They therefore develop exclusively in permanent, nutrient-rich wetlands. This unique larval behavior, developed to survive predation, makes surveying for this species difficult and complex. The product we use for most other mosquito species is ineffective against *Coquillettidia perturbans*. Another biological larvicide, VectoLex CG, must be used. We apply this larvicide after spring treatments, the optimal time for its control. It's also worth mentioning that this species can travel farther than other summer mosquitoes, so the current nuisance may be partly coming from outside the municipality.

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FORECAST

7

Forecast for next week (August 3rd to August 9th):

In the absence of significant rain forecast, we are maintaining our continuous monitoring of the situation and our regular inspections of mosquito larvae breeding sites.

Possible treatment: Yes ☐ No ☒

If yes:

Type of treatment: Ground ☐ Aerial ☐

Date of planned treatment: N/A

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Kanata nuisance mosquito control GDG 2025

