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May 20th, 2025

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MOSQUITO CONTROL PROGRAM – KANATA NORTH

Weekly report – May 11th to May 17th, 2025

MONITORING and WEATHER

Accumulation of water: Between 5 and 20 mm of rainfall this week.

Date of precipitation: May 15th and May 17th.

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

Note: The present conditions are comparable to those of last week, characterized by a lack of significant rainfall resulting in the gradual desiccation of numerous woodlands and fields. This drying out will establish favorable breeding conditions for summer mosquito species after the next substantial rainfall event.

TREATMENT

Was there a treatment?: Yes ☒ No ☐

Type of treatment: Ground ☒ Aerial ☒

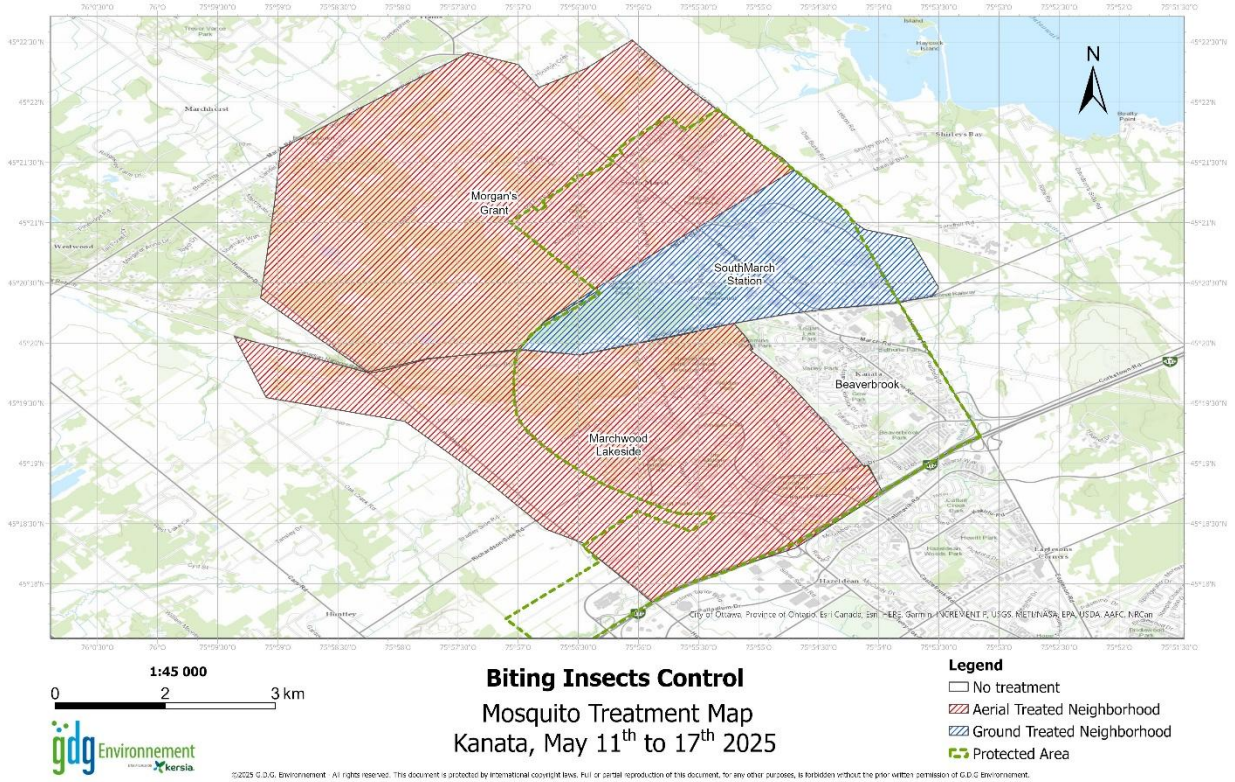
Date of treatment: We've completed the spring treatment on May 12th.

Note: We have mainly focused on post-treatment operations this week. Aerial and ground treatments were completed on the same day.

The treatment map for this week is provided below.

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POST TREATMENT

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

Larval Mortality: Mortality on treated sites is near 100%.

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

Note: To confirm the larvicide's efficacy in treated areas, random sampling was performed in certain sectors. These prospections allowed us to conclude that late hatching is no longer occurring. Post-treatment operations were completed by the end of the week. No additional treatments were needed after May 12th.

SWEEP TEST

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

Note: Adult mosquitoes' emergence has been observed this week. Sweep tests will begin next week when weather conditions are suitable.

TRAPPING

Was there trapping this week? : Yes ☐ No ☒

Note: Trapping will begin next week.

CITIZEN REQUESTS

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

We left a door hanger at a citizen's address after being unable to reach them for the past weeks, but they haven't called us back. We will not mention this request in subsequent reports unless we receive a call back from the individual.

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We also received a call regarding the mosquito control program; however, the caller resides outside both the protected area and the buffer zone. Information concerning this situation was provided to them.

FORECAST

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Forecast for next week (May 18th to May 24th):

Spring treatment is complete. Consequently, summer species prospection will begin this week.

Possible treatment: Yes ☒ No ☐

If yes:

Type of treatment: Ground ☒ Aerial ☐

Date of planned: No treatment is currently planned, but we observed rain over the weekend. This could potentially cause summer species to hatch. However, this is still uncertain due to the low temperatures expected this week, which might delay or prevent hatching.

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