

GREATER MONCTON PEST CONTROL COMMISSION

Interim Monitoring Summary for May and June 2010

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GREATER MONCTON PEST CONTROL COMMISSION

Municipality Report – June 25, 2010

Introduction

As a result of the expansion of the Codiac Transit bus lines, GMPCC was required to place all equipment including office, lab, shop and garage in storage for the winter months 2009/2010. On March 22, 2010 it was necessary to relocate all items from storage to our new temporary location at 120 Assumption Blvd.

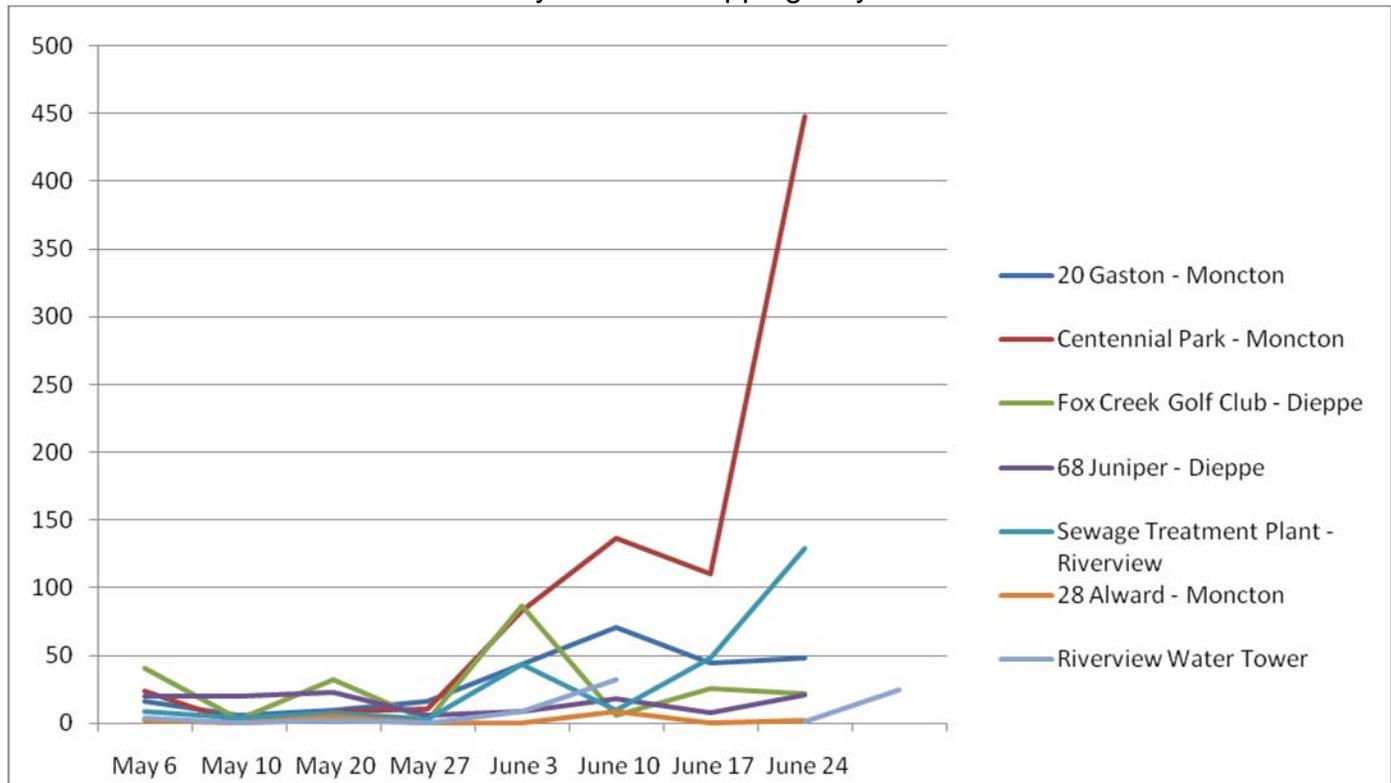
The season at GMPCC began May 3rd with a full emergence of mosquitoes. After orientation, the crews were dispatched immediately on the first day to begin the surveillance/abatement program. Thanks to their diligent work the emergence was controlled. Drier than normal May weather kept mosquito counts in check and this season looks to be a “normal” year compared to 2009. A second emergence has begun with most of our control sites abated.

This year the Bird Monitoring program has been substituted with a Dyke Survey along the newly constructed dykes on the Petitcodiac to monitor potential mosquito breeding sites. Presently, we are finding little larvae due to minimal vegetation found in the swales. The study should continue since vegetation growth will become a factor.

Adult Mosquito Trapping

The mosquito trapping program began the week of May 5th with 7 sites established (2 Riverview, 2 Dieppe, 3 Moncton). The findings correspond with the emergence peaks of May and June. May had minimal activity, while the weeks of June 3rd and 10th began to show higher numbers coinciding with increased air temperatures. The maximum was reported in Centennial Park with a count of 137 mosquitoes reported June 10th followed with a count of 71 at Gaston in Sunny Brae.

Summary of Adult Trapping May/June 2010

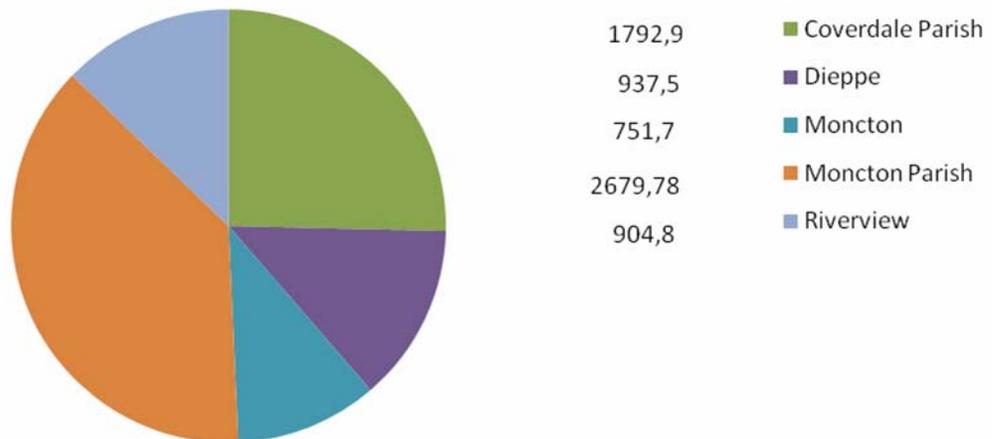


Petitcodiac Dyke Monitoring program

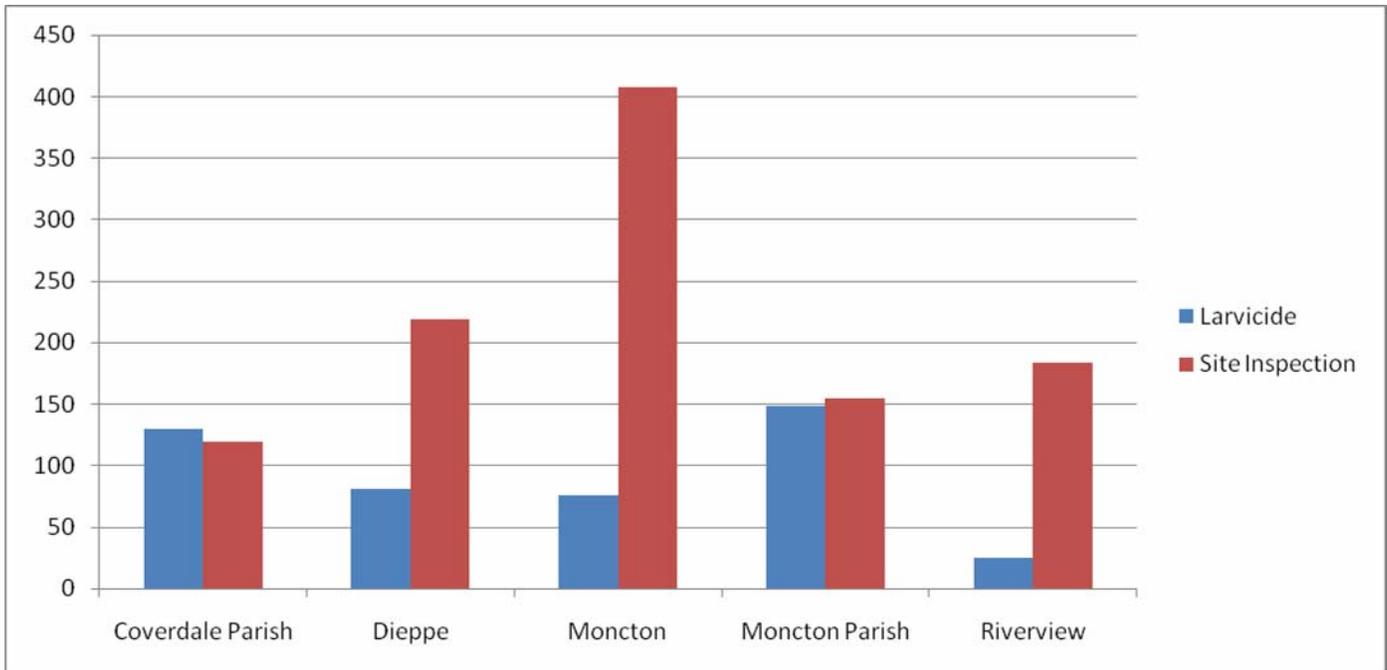


The Petitcodiac dyke monitoring program began the week of May 17th with 5 water control sites and 15 monitoring sites established along the Petitcodiac (see above pic). Eight monitoring sites were established in the Turtle Creek area and seven sites between White Frost Trailer Park and Allison on the Moncton side. As noted earlier the purpose is to study potential mosquito breeding sites along the dyke construction of the Petitcodiac. The data is currently being compiled and a summary will be provided in the August up to date report.

Amount of Larvicide Used (in KG) Per Municipality for May, June



Time Spent by Staff for each Activity per Municipality



The Site Inspection (in red) for each community is based on the number of hours our crew members have spent inspecting for larvae.

The Larvicide section (in blue) is the number of hours our crew members have spent Larviciding using our agent known as BTi.

Every 24 – 48 hours our crew members return to these sites and do a second Site Inspection. This second Site inspection is a Post Count. This has two objectives. First that our larvicide agent is working. Second that there is no longer a Larvae presence.