

# Mosquito studies: Goodyear Swamp surveillance

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CDC Miniature light traps in combination with CO<sub>2</sub> generated by yeast fermentation of sucrose solution were employed at weekly intervals during the month of August. Traps were activated in early afternoon and picked up in the early morning of the following day. See Table 1.

Table 1. Dates and sites of placement of Traps (CO<sub>2</sub> and light); see Figure 1.

<b>Date (2006)</b>	<b>Site</b>	<b>Number of mosquitoes collected</b>
1-2 Aug	Below BT 190 marker	0
8-9 Aug	At North end Boardwalk	0
15-16 Aug	Below BT 190 Marker	0
22-23 Aug	At North end Boardwalk	0

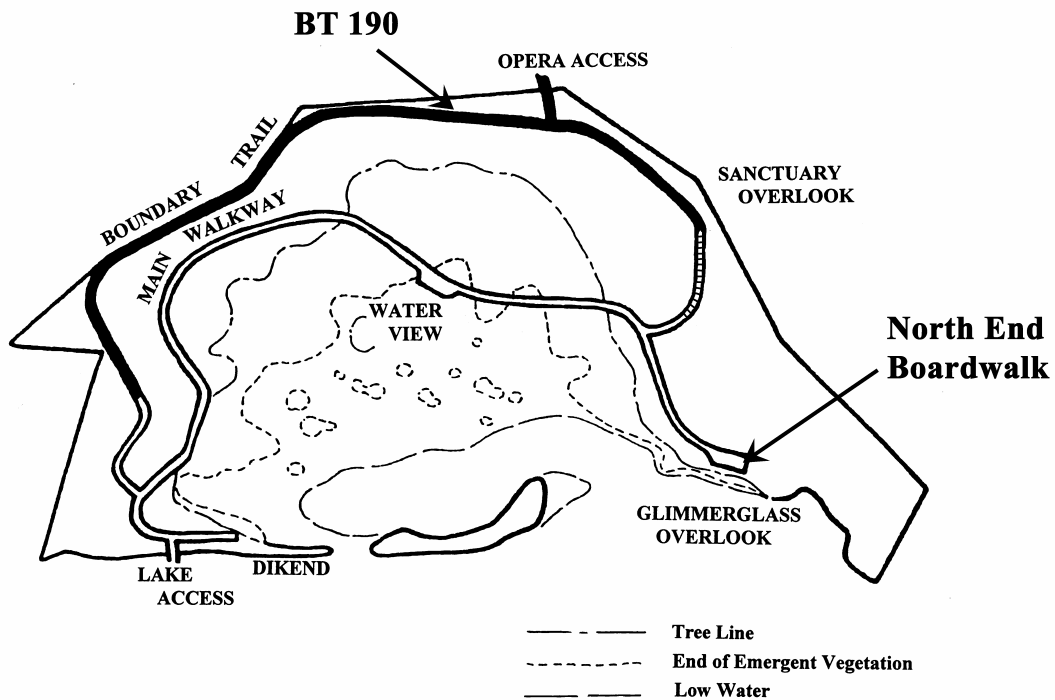


Figure 1. Site map of Goodyear Swamp Sanctuary showing trap locations (BT 190 and North end of Boardwalk (see Table 1).

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Although the general physiographic features of Goodyear Swamp suggest that mosquito populations would be present, there have been consistently negative outcomes of trapping. Conditions early in the year when ice cover retreats from the lake shore and characteristics of the immediately adjacent upland sites may exert considerable influence. Studies are planned at earlier dates in the spring of 2007 in addition to summer trapping studies.