

Table 7. ANOVA of Straits Pond pre- versus post-Abate application midge abundance, 1994

Pre-treatment sampling was conducted on June 12, 1994.

Abate application was conducted on June 23, 1994 and Post-application sampling was conducted on July 1, 1994.

ANOVA Comparison	June 12, 1994 Mean	July 1, 1994 Mean	F Value	P Value
June 12 vs. July 1, 1994	130.36	0.67	10.511	0.005*

* = Result is significant at $\alpha < 0.05$.

Table 8. ANOVA of Straits Pond mean historic (all sample dates from 1992-1994, 2001 & 2002) versus mean 2003 (all sample dates from 2003) midge abundance data.

Historic midge data (1992-1994, 2001 & 2002) selected for analysis are intended to temporally overlap, as best as possible, those sampling dates occurring in the year 2003.

For the below comparisons: 1992=March 8 to September 26, 1992; 1993=April 7 to September 19, 1993; 1994=March 27 to August 4, 1994, 2001=March 28 to September 28, 2001
2002=April 6 to September 14 2002 and 2003= April 13 to September 27 2003.

ANOVA Comparison	Historic Mean	2003 Mean	F value	P value
1992 vs. 2003	122	931	17.336	0.000056*
1993 vs. 2003	1,378	931	2.003	0.159
1994 vs. 2003	1,139	931	0.301	0.584
2001 vs. 2003	2,325	931	8.223	0.004*
2002 vs 2003	1,231	931	1.139	0.287

* = Results are significant at $\alpha < 0.05$.