

**Table 11. 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 12. ANOVA of Straits Pond mean historic (all sample dates from 1992-1994) versus mean 2001 (all sample dates from 2001) midge abundance data**

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

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 and 2001=March 28 to September 28, 2001.

ANOVA Comparison	2001 Mean	Historic Mean	F value	P value
1992 vs. 2001	2,325	122	11.143	$9.87 \times 10^{-4}$ *
1993 vs. 2001	2,325	1,378	1.813	0.180
1994 vs. 2001	2,325	1,139	4.761	0.030*

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

