

Table 3E-8. Alkali Fly Impact Assessment Results

Alternative or Condition	Evaluated Elevation (feet)	Lake Surface Area (acres)	Effective Habitat Area (acres)	Salinity (g/l)	Seasonal 3rd Instar Production (g/m ²)	Seasonal 3rd Instar Production (M/lake)	Seasonal Drift Production (MT/Lake)	Maximum Drift Density (ind/m ²)
Point of reference - lake level	6,376	40,724	981	90.8	231	919	409	16.5
Point of reference - streamflows	6,365	33,869	478	110	164	317	161	8.6
No restriction	6,350	29,650	410	147	88	146	82	5.6
6,372 Ft	6,375	39,915	921	92.4	223	832	373	15.5
6,377 Ft	6,380	43,670	1,173	84.6	255	1,210	526	19.0
6,383.5 Ft	6,385	46,310	1,163	77.5	287	1,353	601	19.6
6,390 Ft	6,390	48,245	993	71.3	334	1,341	635	19.0
6,410 Ft	6,410	53,534	427	52.9	494	855	470	11.0
No diversion	6,420	55,534	307	46.5	570	708	419	8.9