

Table L-1. Mono Lake Bathymetry and Effective Alkali Fly Habitat

USGS Mono Lake Elevation (ft)	Smoothed Pelagos Volume (af)	Salinity Assuming 285 MT Total (g/l)	Smoothed Pelagos Area (acres)	Smoothed Pelagos Increment Area (acres)	Jones & Stokes Associates Hard Substrate Area (acres)	Depth-Weighted Hard Area (acres)	Depth-Weighted Soft Area (acres)	Total Weighted Habitat Area (acres)	Hard/ Total Substrate Area (%)
6,350	1,429,659	146.6	29,650	259	16.57	173	4,395	410	42
6,351	1,459,436	143.6	29,904	254	17.46	177	4,364	413	43
6,352	1,489,467	140.7	30,158	253	17.46	182	4,334	417	44
6,353	1,519,750	137.9	30,409	251	17.46	186	4,304	419	44
6,354	1,550,286	135.2	30,662	253	17.46	189	4,277	422	45
6,355	1,581,077	132.6	30,920	258	17.46	192	4,257	424	45
6,356	1,612,128	130.0	31,182	262	20.56	198	4,238	430	46
6,357	1,643,443	127.5	31,449	267	20.56	204	4,224	435	47
6,358	1,675,028	125.1	31,720	271	20.56	209	4,216	441	47
6,359	1,706,886	122.8	31,998	279	20.56	214	4,215	446	48
6,360	1,739,027	120.5	32,283	285	20.56	218	4,221	451	48
6,361	1,771,456	118.3	32,575	292	20.28	222	4,233	456	49
6,362	1,804,180	116.2	32,873	298	20.28	226	4,251	461	49
6,363	1,837,207	114.1	33,182	309	20.28	229	4,279	466	49
6,364	1,870,557	112.0	33,517	336	20.28	232	4,333	472	49
6,365	1,904,250	110.1	33,869	352	20.28	235	4,400	478	49
6,366	1,938,297	108.1	34,224	355	25.96	243	4,464	490	50
6,367	1,972,705	106.2	34,593	369	25.96	250	4,539	502	50
6,368	2,007,537	104.4	35,070	477	25.96	257	4,719	519	50
6,369	2,042,882	102.6	35,619	549	25.96	264	4,966	538	49
6,370	2,078,825	100.8	36,266	647	25.96	269	5,302	562	48
6,371	2,115,443	99.1	36,970	704	78.56	328	5,633	642	51
6,372	2,152,772	97.4	37,688	717	78.56	382	5,966	718	53
6,373	2,190,820	95.7	38,409	721	78.56	432	6,291	789	55
6,374	2,229,588	94.0	39,127	718	78.56	478	6,603	856	56
6,375	2,269,109	92.4	39,915	789	78.56	520	6,974	921	56
6,376	2,309,428	90.8	40,724	809	76.52	558	7,353	981	57
6,377	2,350,556	89.2	41,531	807	76.52	593	7,716	1038	57
6,378	2,392,484	87.6	42,325	794	76.52	625	8,052	1090	57
6,379	2,435,153	86.1	43,012	687	76.52	655	8,267	1134	58
6,380	2,478,494	84.6	43,670	658	76.52	683	8,443	1173	58
6,381	2,522,457	83.1	44,256	585	45.94	678	8,566	1174	58
6,382	2,566,976	81.6	44,783	527	45.94	673	8,623	1172	57
6,383	2,612,015	80.2	45,295	512	45.94	669	8,656	1169	57
6,384	2,657,562	78.9	45,799	505	45.94	665	8,675	1166	57
6,385	2,703,617	77.5	46,310	511	45.94	662	8,693	1163	57
6,386	2,750,139	76.2	46,734	424	18.78	631	8,644	1127	56
6,387	2,797,062	74.9	47,112	378	18.78	603	8,544	1091	55
6,388	2,844,364	73.7	47,492	380	18.78	577	8,442	1057	55
6,389	2,892,042	72.5	47,865	373	18.78	552	8,330	1024	54
6,390	2,940,097	71.3	48,245	379	18.78	529	8,220	993	53
6,391	2,988,512	70.1	48,584	339	10.60	500	8,076	954	52
6,392	3,037,250	69.0	48,893	309	10.60	473	7,898	915	52
6,393	3,086,294	67.9	49,194	301	10.60	447	7,712	878	51
6,394	3,135,637	66.8	49,491	297	10.60	424	7,521	842	50
6,395	3,185,280	65.8	49,796	304	10.60	402	7,337	809	50
6,396	3,235,225	64.8	50,093	297	12.88	384	7,144	780	49
6,397	3,285,459	63.8	50,375	282	12.88	368	6,936	751	49
6,398	3,335,976	62.8	50,660	284	12.88	352	6,733	724	49
6,399	3,386,771	61.9	50,930	270	12.88	338	6,517	697	48
6,400	3,437,838	61.0	51,204	274	12.88	324	6,308	672	48
6,401	3,489,175	60.1	51,469	265	11.84	310	6,096	646	48
6,402	3,540,769	59.2	51,720	252	11.84	297	5,880	621	48
6,403	3,592,613	58.3	51,967	246	11.84	286	5,670	598	48
6,404	3,644,700	57.5	52,208	241	11.84	270	5,468	571	47
6,405	3,697,030	56.7	52,451	243	11.84	256	5,279	545	47
6,406	3,749,598	55.9	52,685	235	9.10	240	5,098	519	46
6,407	3,802,392	55.1	52,904	218	9.10	225	4,914	493	46
6,408	3,855,403	54.4	53,117	214	9.10	211	4,741	469	45
6,409	3,908,624	53.6	53,326	208	9.10	199	4,579	447	44
6,410	3,962,054	52.9	53,534	209	9.10	187	4,434	427	44
6,411	4,015,692	52.2	53,741	207	9.06	176	4,304	409	43
6,412	4,069,532	51.5	53,939	197	9.06	166	4,176	391	42
6,413	4,123,568	50.8	54,134	196	9.06	157	4,059	375	42
6,414	4,177,799	50.2	54,327	193	9.06	150	3,951	363	41
6,415	4,232,226	49.5	54,527	200	9.06	145	3,859	352	41
6,416	4,286,854	48.9	54,730	203	7.22	138	3,780	340	40
6,417	4,341,681	48.3	54,924	194	7.22	131	3,701	329	40
6,418	4,396,703	47.7	55,120	196	7.22	125	3,632	319	39
6,419	4,451,922	47.1	55,318	199	7.22	122	3,573	312	39
6,420	4,507,348	46.5	55,534	215	7.22	118	3,535	307	39