Table 3F-5. Potential California Gull Nesting Capacity at Alternative Elevations of Mono Lake

Alternative	Negit Island			Negit Islets				Paoha Islets			Total	Percent Change from Point of Reference
	High	Moderate	Subtotal	High	Moderate	Low	Subtotal	Rugose	Non-Rugose	Subtotal		
Point of Reference												
Acreage	0	0	0	11.5	10.6	15.2	37.2	2.1	11.5	13.6	50.8	--
Nest capacity[a]				14,950	6,360	3,040	24,350	2,730	6,900	9,630	33,980	--
Nest capacity[b,c]										13,600	37,950	--
No Restriction[d]												
Acreage	0	0	0		1.9	5.9	7.8	2.0	2.0	4.0	9.9	-81
Nest capacity[a]					1,140	1,180	2,320	2,600	1,200	3,800	6,120	-82
Nest capacity[b,c]										4,000	6,320	-83
6,372 Ft[d]												
Acreage	0	0	0	4.2	8.5	9.6	22.3	6.9	12.1	19.0	41.3	-19
Nest capacity[a]				5,460	5,100	1,920	12,480	8,970	7,260	16,230	28,710	-16
Nest capacity[b,c]								6,900	12,100	19,000	31,480	-17
6,377 Ft												
Acreage	41.7	113.6	155.3	11.5	10.6	15.2	37.2	2.1	11.5	13.6	182.8	360
Nest capacity[a,c]	54,210	68,160	122,30	14,950	6,360	3,040	24,350	2,730	6,900	9,630	156,350	460
Nest capacity$_{b,c}$										13,600	160,320	422
6,383.5 Ft												
Acreage	41.7	100.3	142.0	8.7	7.7	10.7	27.2	0	0	0	169.2	333
Nest capacity	54,210	60,180	114,390	11,310	4,620	2,140	18,070				132,460	390
6,390 Ft												
Acreage	41.7	68.6	110.2	7.0	7.5	8.2	22.6	0	0	0	132.8	261
Nest capacity	54,210	41,160	95,370	9,100	4,500	1,640	15,240				110,610	326
6,410 Ft												
Acreage	41.7	50.9	92.6	2.2	1.5	2.9	6.6	0	0	0	99.2	195
Nest capacity	54,210	30,540	84,750	2,860	900	580	4,340				89,090	262
No Diversion												
Acreage	41.7	50.0	92.6	0	1	0	1	0	0	0	93.6	184
Nest capacity	54,210	30,540	84,750		600		600				85,350	251

[a] Potential nest capacity categories for Negit Island and the Negit Islets include: high = 1,300 nests per acre, moderate = 600 nests per acre, and low = 200 nests per acre; areas considered as unsuitable gull nesting habitat were not included in this analysis.

[b] Potential nest capacity of the Paoha Islets were calculated using two sets of assumptions, including: 1) rugose = 1,300 nests per acre and nonrugose = 600 nests per acre; and 2) the entire acreage (both rugose and nonrugose substrates) = 1,000 nests per acre (see text).

[c] This analysis assumes that Java and Twain Islets are effectively land bridged at 6,373 feet, although actual land connection does not occur until 6,372 feet surface elevation.

[d] This analysis assumes that Duck Islet is a peninsula of Paoha Island at 6,379 feet surface elevation.