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

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

^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.

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.