

TABLE 4-1**SOUTH COASTAL BAY NITROGEN LOADS ^(1,2)**

	PRESENT LOAD (kg/day)	BUILD-OUT LOAD (kg/day)	BUILD-OUT (% CHANGE)	NO ANTHROPOGENIC LOAD (kg/day)	NO ANTHROPOGENIC LOAD (% CHANGE)
Stage Harbor					
Oyster Pond	10.041	13.463	+34.1%	1.236	-87.7%
Oyster River	9.400	11.830	+25.9%	1.619	-82.8%
Stage Harbor	2.000	2.871	+43.6%	0.318	-84.1%
Mitchell River	2.586	2.844	+10.0%	0.249	-90.4%
Mill Pond	3.600	3.981	+10.6%	0.386	-89.3%
Little Mill Pond	1.255	1.548	+23.3%	0.151	-88.0%
Sulphur Springs					
Sulphur Springs	9.093	11.348	+24.8%	1.003	-89.0%
Bucks Creek	3.362	4.408	+31.1%	0.378	-88.8%
Cockle Cove Creek	8.427	9.701	+15.1	0.496	-94.1%
Wastewater TF	3.205	3.205	0.0%	0.000	-100.0%
Taylors Pond					
Mill Creek	4.559	5.696	+24.9%	0.559	-87.7%
Taylors Pond	6.219	8.490	+36.5%	0.699	-88.8%
Note: <ol style="list-style-type: none"> 1. Source: Table VI-4 of MEP's <i>Linked Watershed-Embayment Model to Re-evaluate Critical Nitrogen Loading Thresholds for Stage Harbor/Oyster Pond, Sulphur Springs/Bucks Creek, Taylors Pond/Mill Creek Chatham, Massachusetts, February 2007.</i> 2. As stated in Table VI-4 of the MEP report – "These loads do not include any direct atmospheric deposition (onto the sub-embayment surface) or benthic flux loading terms." 					