

TABLE 4-7

**PLEASANT BAY SYSTEM LOADING CAPACITIES⁽¹⁾
(CHATHAM RELATED SUB-EMBAYMENTS ONLY)**

SUB-EMBAYMENT	PRESENT CONTROLLABLE WATERSHED LOAD (kg/day)	TARGET THRESHOLD WATERSHED LOAD (kg/day)	PERCENT WATERSHED LOAD REDUCTIONS NEEDED TO ACHIEVE THRESHOLD LOADS⁽²⁾
Muddy Creek – Upper ⁽³⁾	9.98	4.61	54
Muddy Creek – Lower ⁽³⁾	8.48	2.14	75
Pleasant Bay ⁽³⁾	29.28	21.85	25
Ryder’s Cove	9.82	4.47	55
Frost Fish Creek	2.90	0.70	76
Crows Pond	4.22	4.22	0
Bassing Harbor	1.67	1.67	0
Chatham Harbor	17.10	17.10	0
Note: 1. Source: Table 4 of <i>FINAL Pleasant Bay System Total Maximum Daily Loads for Total Nitrogen</i> , May 2007. 2. This represents the load reductions necessary for <i>one</i> scenario (of many potential scenarios) that will achieve the target nitrogen concentration at the sentinel station. 3. Loads include contributions from other Towns within the Pleasant Bay watershed.			