

**TABLE 4-7**

**PLEASANT BAY SYSTEM LOADING CAPACITIES<sup>(1)</sup>  
(CHATHAM RELATED SUB-EMBAYMENTS ONLY)**

<b>SUB-EMBAYMENT</b>	<b>PRESENT CONTROLLABLE WATERSHED LOAD (kg/day)</b>	<b>TARGET THRESHOLD WATERSHED LOAD (kg/day)</b>	<b>PERCENT WATERSHED LOAD REDUCTIONS NEEDED TO ACHIEVE THRESHOLD LOADS<sup>(2)</sup></b>
Muddy Creek – Upper <sup>(3)</sup>	9.98	4.61	54
Muddy Creek – Lower <sup>(3)</sup>	8.48	2.14	75
Pleasant Bay <sup>(3)</sup>	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: <ol style="list-style-type: none"><li>1. Source: Table 4 of <i>FINAL Pleasant Bay System Total Maximum Daily Loads for Total Nitrogen</i>, May 2007.</li><li>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.</li><li>3. Loads include contributions from other Towns within the Pleasant Bay watershed.</li></ol>			