

**TABLE 4-8**

**PLEASANT BAY SYSTEM TMDLS<sup>(1)(2)</sup>  
(CHATHAM RELATED SUB-EMBAYMENTS ONLY)**

SUB-EMBAYMENT	TMDL (kg/day) <sup>(3)</sup>
Muddy Creek – Upper <sup>(4)</sup>	7
Muddy Creek – Lower <sup>(4)</sup>	2
Pleasant Bay <sup>(4)</sup>	155
Ryder Cove	12
Frost Fish Creek	1
Crows Pond	6
Bassing Harbor	3
Chatham Harbor	31
Note: <ol style="list-style-type: none"><li>1. Source: Table 5 of <i>FINAL Pleasant Bay System Total Maximum Daily Loads for Total Nitrogen</i>, May 2007. TMDL represented as the sum of the calculated target thresholds loads (from controllable watershed sources), atmospheric deposition, and sediment sources (benthic input).</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. Rounded off sum of target threshold watershed load, atmospheric deposition load, and benthic flux.</li><li>4. Loads include contributions from other Towns within the Pleasant Bay watershed.</li></ol>	