

APPENDIX F REQUIREMENTS OF APPROVED TOTAL MAXIMUM DAILY LOADS

Hampton/Seabrook Harbor¹

- Pollutant: Bacteria
- Municipalities: Hampton and Seabrook
- Water Quality Goal of TMDL: The goal for this TMDL is for the bacteria concentrations throughout Hampton/Seabrook Harbor to meet the water quality standards for the designated uses of the water body that are affected by bacteria. These uses include shellfishing, primary contact recreation (swimming), and secondary contact recreation (boating). The water quality standard is the most stringent for shellfishing: a geometric mean for fecal coliform of less than 14 MPN/100 ml and a 90th percentile of less than 43 MPN/100 ml as determined using National Shellfish Sanitation Program (NSSP) protocols (RSA 485-A: 8, V; ISSC, 1999). A 47 percent reduction in the total bacteria loading is necessary to meet the TMDL.
- Goal of the Implementation Plan: To remove all human sources of bacteria to the estuary to the extent practicable. NHDES expects that a phased and iterative approach will be used. NHDES will work with the towns of Hampton and Seabrook to develop specific projects to reduce human-related bacteria loads to the estuary.
- Measures to address the TMDL:
 - Public Education (Part 2.3.2): The permittee shall post information about proper management of pet waste in areas discharging to the harbor. The permittee shall provide information to owners of septic systems about proper maintenance.
 - Illicit Discharge (Part 2.3.4): The permittee shall implement the illicit discharge program required by this permit.
 - Good House Keeping (Part 2.3.7.1.d) the permittee shall increase the frequency of street sweeping in areas that discharge to the harbor. The permittee must sweep the streets more frequently than twice a year.

Little Harbor²

- Pollutant: Bacteria
- Municipalities: New Castle, Portsmouth and Rye
- Water Quality Goal of the TMDL: The goal for this TMDL is for the bacteria concentration in the Little Harbor assessment unit to meet the water quality standards for the designated uses of the water body that are affected by bacteria. These uses include shellfishing, primary contact recreation (swimming), and secondary contact recreation (boating). The water quality standard is the most stringent for shellfishing: a geometric mean for fecal coliform of less than 14 MPN/100 ml and a 90th percentile of less than 43 MPN/100 ml as determined using National Shellfish Sanitation Program (NSSP) protocols (RSA 485-A: 8, V; ISSC, 1999). The bacteria load to Little Harbor must be reduced by 12 percent to achieve the goal of the TMDL.
- Goal of the Implementation Plan: To achieve water quality standards for bacteria in the Little Harbor assessment unit and to characterize the bacteria concentrations and bacteria

¹ Hampton/Seabrook Harbor Bacteria TMDL, May 2004

² Little Harbor Bacteria TMDL, June 2006

sources in the Berrys Brook/ Witch Creek assessment unit.

- Measures to address the TMDL:
 - Illicit Discharge (Part 2.3.4) Implement the illicit discharge program required by this permit in all areas of the municipality. Ensure elimination of all failing septic systems within the urbanized area.