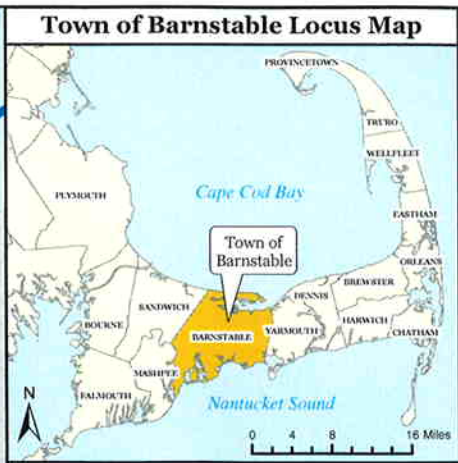

Chapter 1 Figures

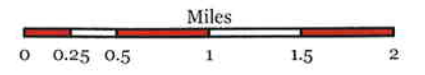


- Zones of Contribution to Public Water Supply**
- NOTE: this layer is a combination of the State Approved Zone II and the Town Approved GP and WP Overlay Districts.
- Marine Watersheds
 - Sanitary Landfill
 - Hyannis W.P.C.F.
 - Existing Force Main
 - Existing Sewer
 - Fire District / Village Lines
 - Major Roads
 - Town Boundary
 - Water Bodies

TOWN OF BARNSTABLE MASSACHUSETTS

Comprehensive Wastewater and Nutrient Management Plan

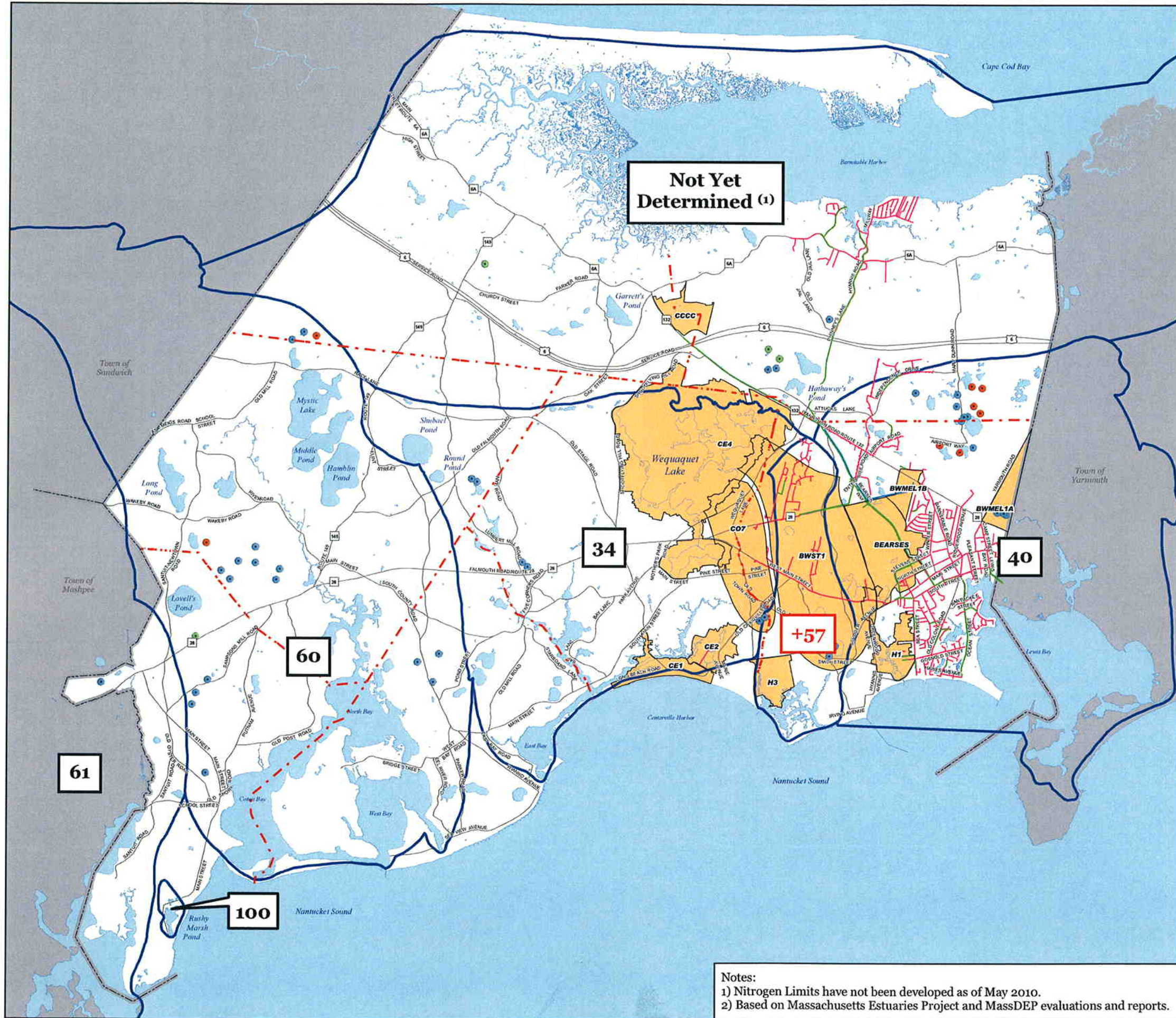
Project Location Figure 1-1



CWNMP_ProjectLocation_11x17_b.mxd J.A.B. 6/1/2010

**TOWN OF BARNSTABLE
GEOGRAPHIC INFORMATION
SYSTEMS UNIT**

FIGURE PREPARED FOR STEARNS & WHEELER GHD



34 Percent Septic System Nitrogen Removal Suggested by MEP

+57 Percent Additional Nitrogen That Could Be Added (Suggested by MEP)

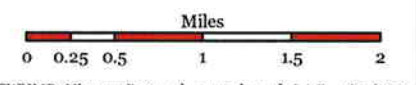
- Planned Sewer Extension
- Marine Watersheds
- Existing Sewer Force Main
- Existing Gravity Sewer
- Existing Vacuum Sewer
- Existing Well
- Proven Future Well
- Proposed Future Well
- Major Roads
- Fire District / Village Lines
- Town Boundary
- Water Bodies

TOWN OF BARNSTABLE MASSACHUSETTS

Comprehensive Wastewater and Nutrient Management Plan

Existing Septic System Nitrogen Removal Needed To Meet the TMDLs (2)

Figure 1-2



CWNMP_NitrogenRemoval_11x17_b.mxd J.A.B. 7/27/2010

**TOWN OF BARNSTABLE
GEOGRAPHIC INFORMATION
SYSTEMS UNIT**

FIGURE PREPARED FOR STEARNS & WHEELER GHD

Notes:
 1) Nitrogen Limits have not been developed as of May 2010.
 2) Based on Massachusetts Estuaries Project and MassDEP evaluations and reports.