

Challenge:
Evaluate alternatives for a 20-year solution to wastewater collection, treatment and disposal needs of the Town.

Solution:
An Island-wide study to maintain and/or improve environmental conditions while determining costs, benefits for long-term sustainability, protection of the sole source aquifer and public health, and preservation of Nantucket Harbor, Madaket Harbor, Polpis Harbor and Sesachacha Pond.

Area of Wastewater Disposal Need Based on Wellhead Overlay Protection Zone

Town WPZ
Challenge
• Wellhead Protection Zone
• Private Water Supply & Wastewater Disposal
Solution
• Septage Management Plan

Area of Wastewater Disposal Need Based on Harbor Watershed Line

Pocomo
Challenge
• Nantucket Harbor Watershed
• High Groundwater
• Private Water Supply & Wastewater Disposal
Solution
• Septage Management Plan

Monomoy
Challenge
• Nantucket Harbor Watershed
• Private Water Supply & Wastewater Disposal
Solution
• Connect into Existing Wastewater System

Shimmo
Challenge
• Nantucket Harbor Watershed
• Private Water Supply & Wastewater Disposal
Solution
• Connect into Existing Wastewater System

Area of Wastewater Disposal Need

Madaket
Challenge
• Small Dense Lots
• Madaket Harbor Watershed
• Private Water Supply & Wastewater Disposal
Solution
• Decentralize Wastewater Treatment

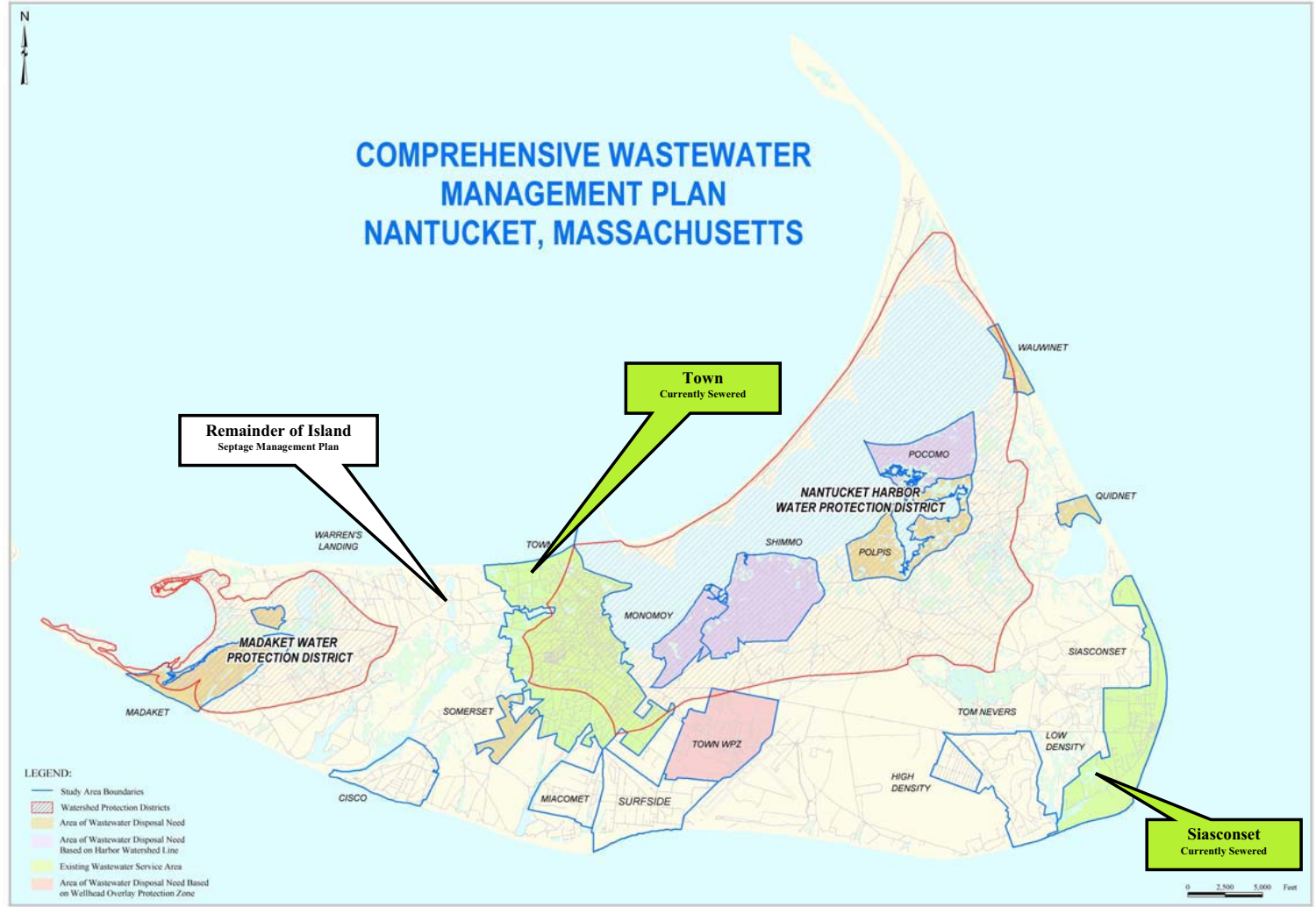
Polpis
Challenge
• Nantucket Harbor Watershed
• Degradation of Polpis Harbor
• High Groundwater
• Private Water Supply & Wastewater Disposal
Solution
• Septage Management Plan

Quidnet
Challenge
• Topography
• Small Dense Lots
• Private Water & Wastewater Disposal
Solution
• Septage Management Plan

Somerset
Challenge
• Small Dense Lots
• Private Water & Wastewater Disposal
Solution
• Connect into Existing Wastewater System

Warrens Landing
Challenge
• Madaket Harbor Watershed
• Small Dense Lots
• Private Wastewater Disposal
Solution
• Decentralize Wastewater Treatment

Wauwinet
Challenge
• Small Dense Lots
• Private Water Supply & Wastewater Disposal
Solution
• Septage Management Plan



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