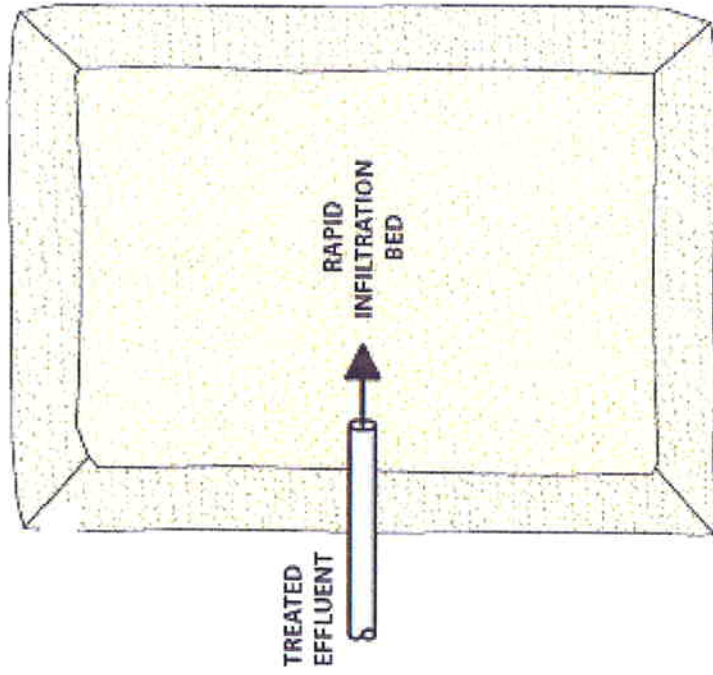
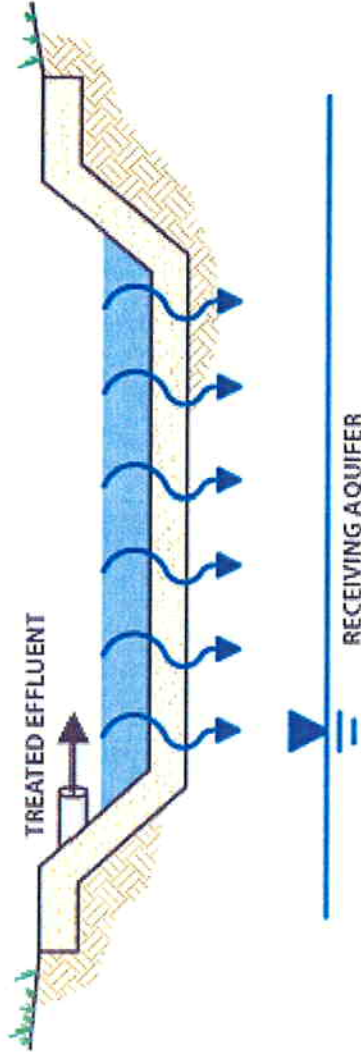

Chapter 5 Figures

RAPID INFILTRATION BED (RIBs)



3D PERSPECTIVE VIEW



CROSS SECTION VIEW

STEARNS & WHEELER^{LLC}
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 PHONE: 508.302.0200
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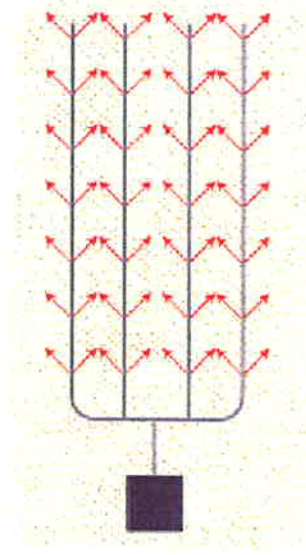
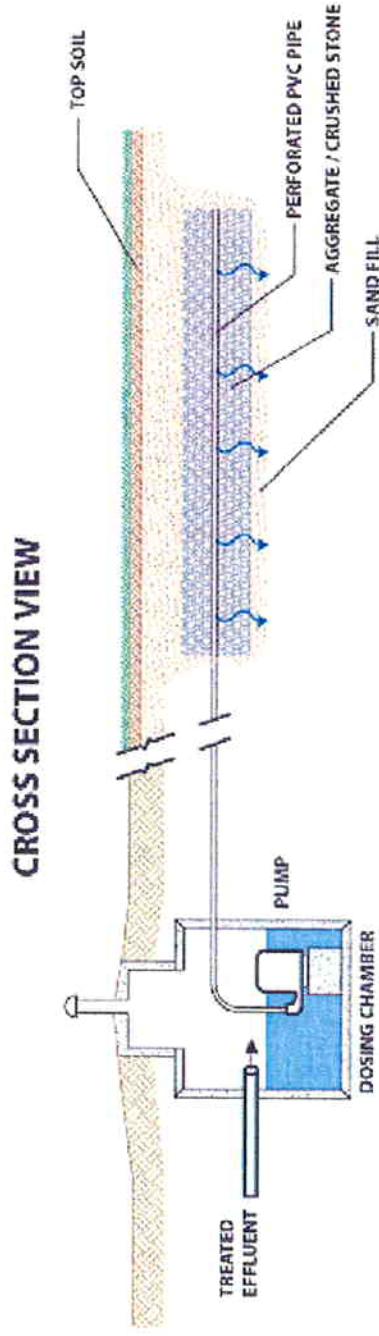
Job No.: 861247400 Date: 05/11/2010

Town of Barnstable, Massachusetts
 Comprehensive Wastewater and
 Nutrient Management Plan

Sand Infiltration Bed

FIGURE 5-1

SUBSURFACE INFILTRATION (PRESSURE DOSING)



PLAN VIEW

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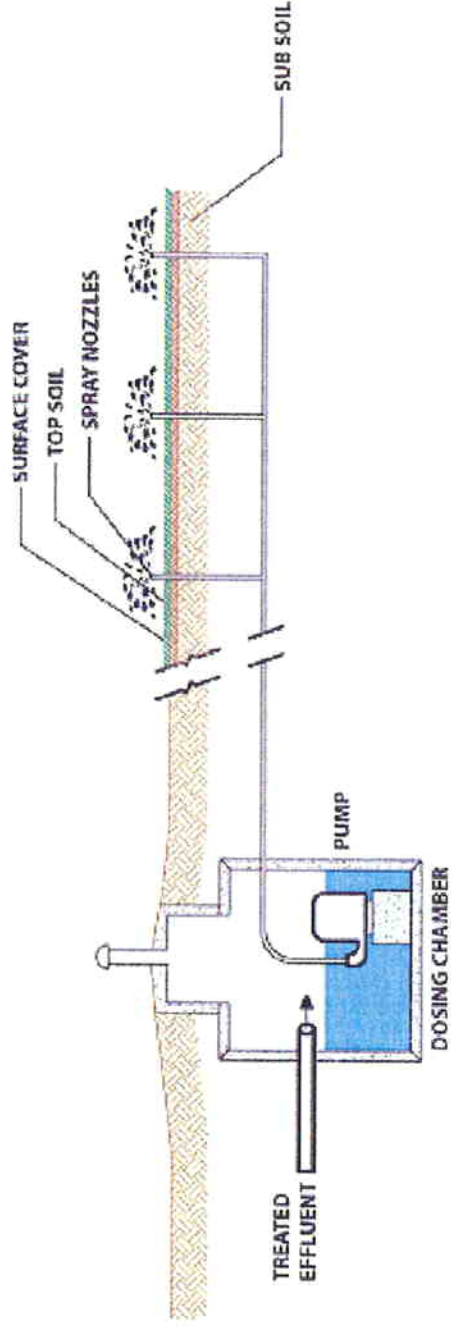
Town of Barnstable, Massachusetts
 Comprehensive Wastewater and
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Subsurface Infiltration
FIGURE 5-2

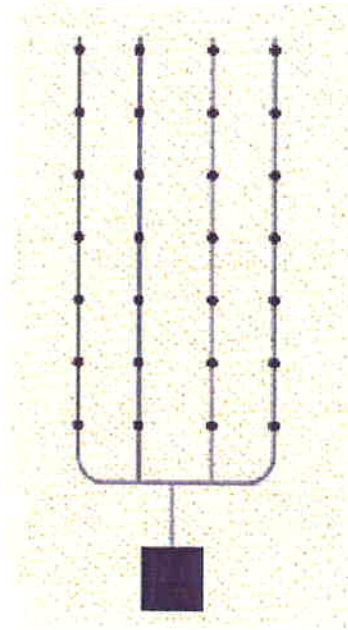
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SPRAY IRRIGATION

CROSS SECTION VIEW



PLAN VIEW

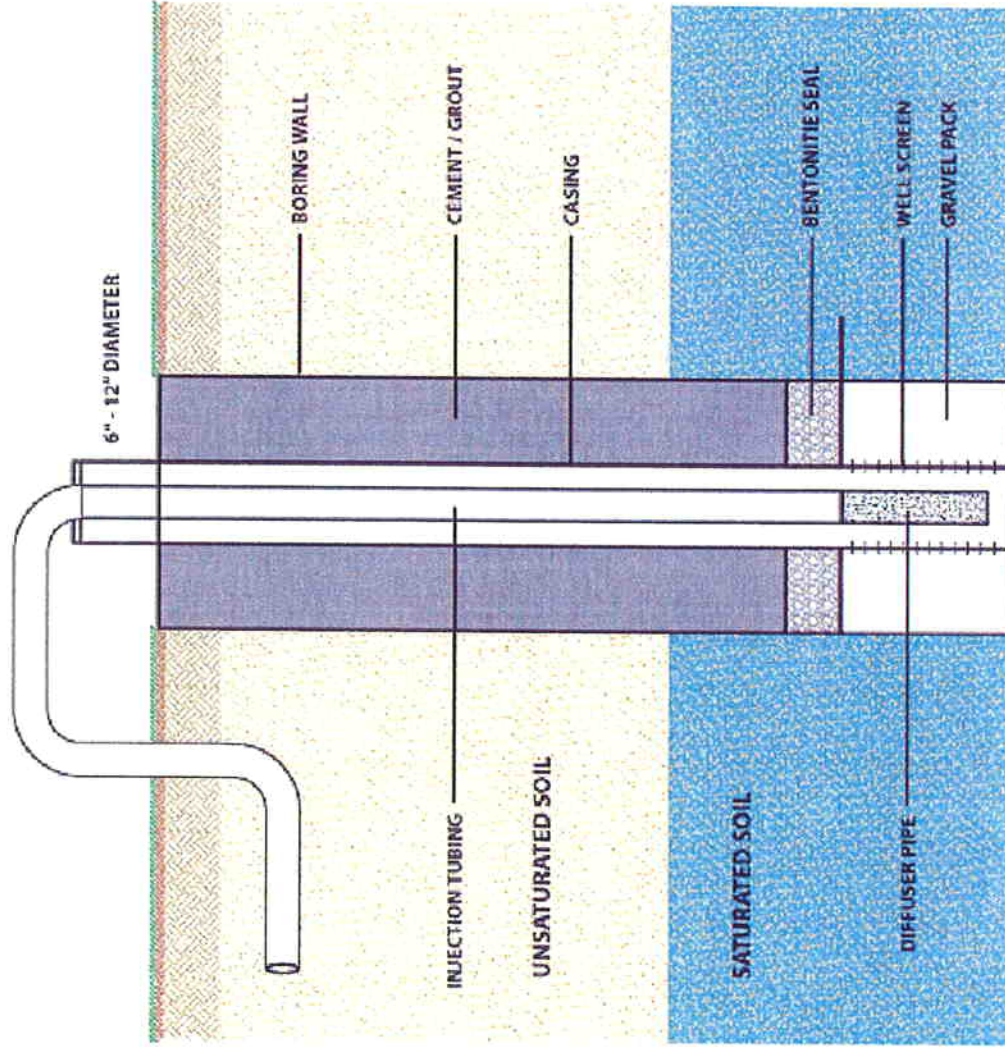


Town of Barnstable, Massachusetts
 Comprehensive Wastewater and
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 Spray Irrigation
 FIGURE 5-3

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INJECTION WELL



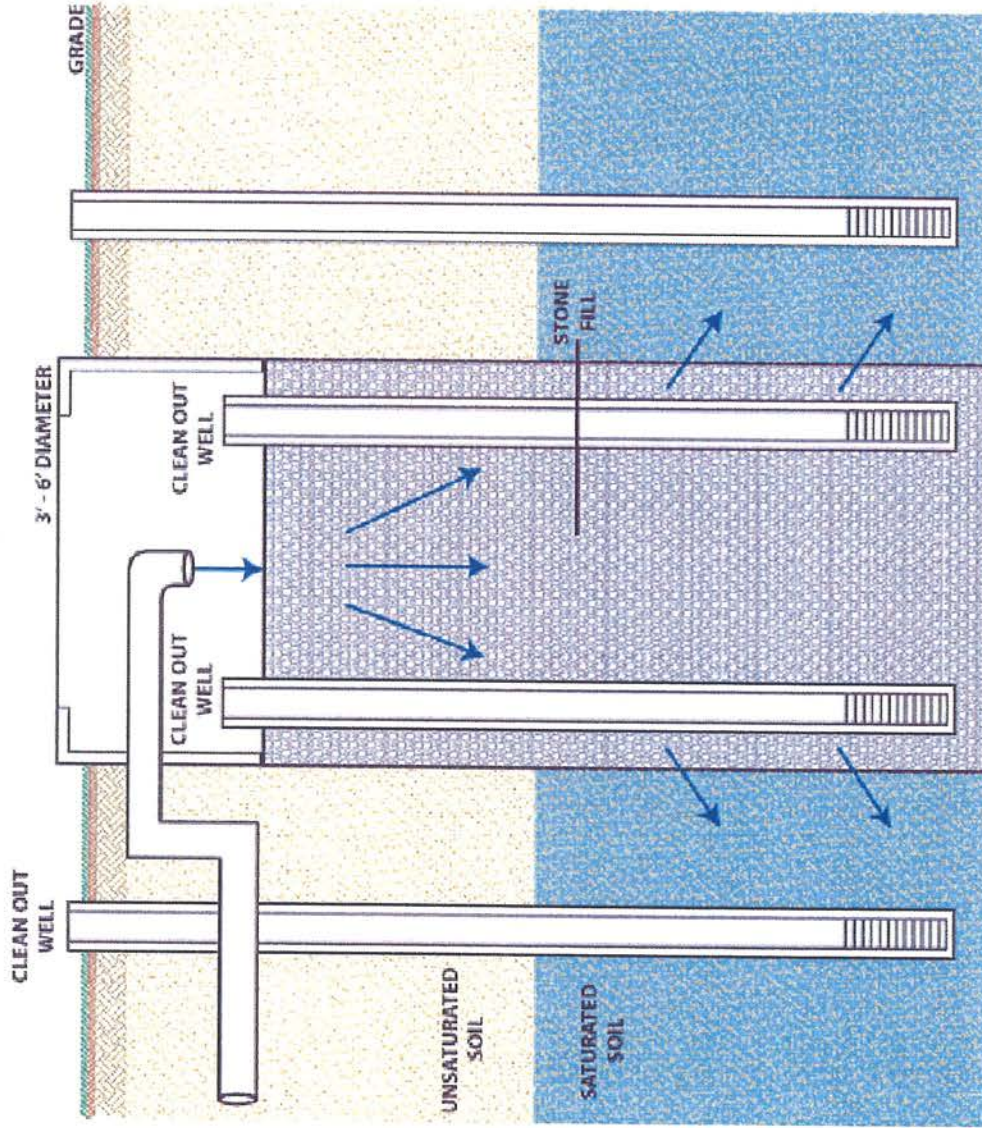
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Town of Barnstable, Massachusetts
 Comprehensive Wastewater And
 Nutrient Management Plan

InjectionWell
 FIGURE 5-4

WICK WELL



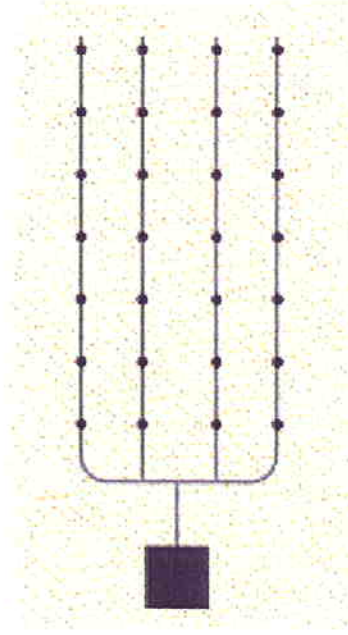
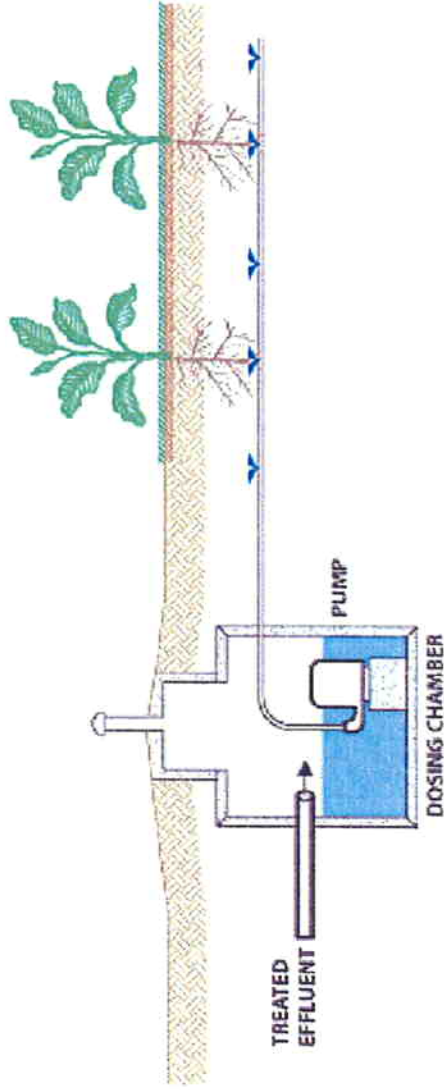
Town of Barnstable, Massachusetts
 Comprehensive Wastewater And
 Nutrient Management Plan
 Wick Well
 FIGURE 5-5

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DRIP SYSTEM

CROSS SECTION VIEW

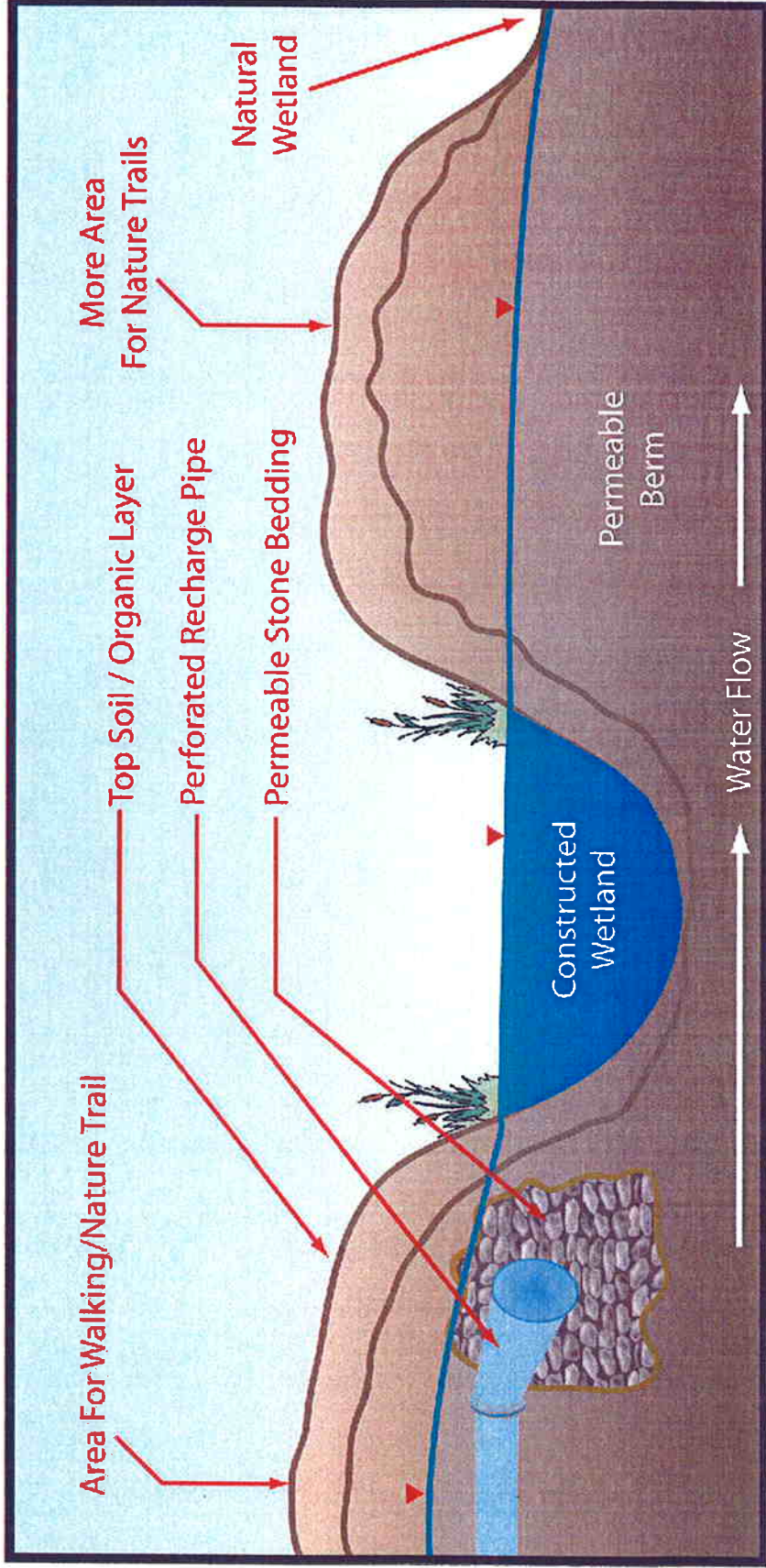



PLAN VIEW


STEARNS & WHEELER^{LLC}
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Town of Barnstable, Massachusetts
**Comprehensive Wastewater And
 Nutrient Management Plan**
Drip Irrigation
FIGURE 5-6



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	Comprehensive Wastewater And Nutrient Management Plan
Wetland Restoration	FIGURE 5-7
Job No.: 861247400	Date: 04/15/2010



Public Water Supply Wells

- Existing Well
- Proven Future Well
- Proposed Future Well

Potential Effluent Recharge Sites

Marine Watersheds

FY 2009 Parcel Lines

Aerial Photograph Taken April 19, 2008

**TOWN OF
BARNSTABLE
MASSACHUSETTS**

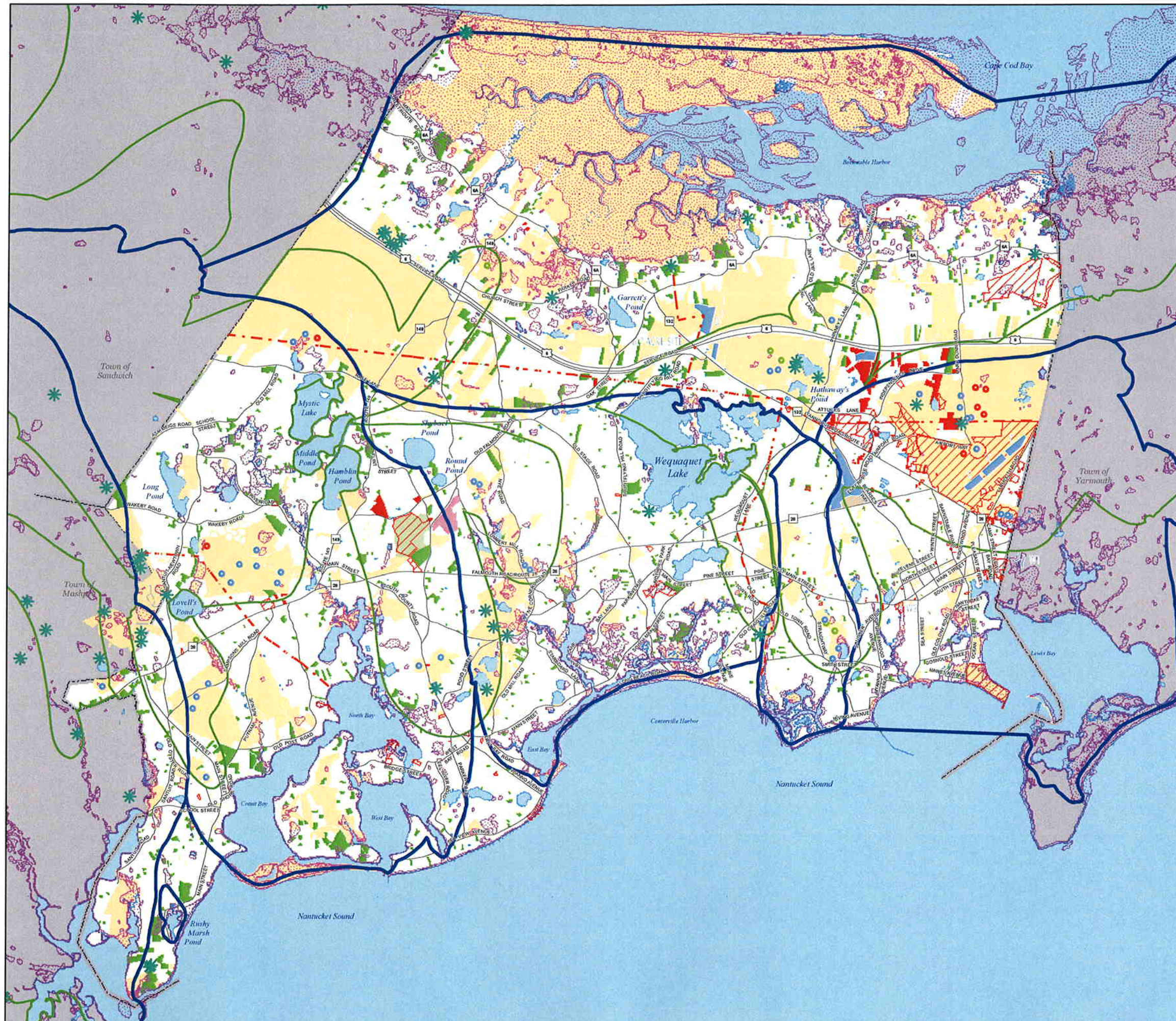
Comprehensive Wastewater
and Nutrient Management Plan

**Potential Effluent
Recharge Sites
Figure 5-8**

Feet

0 425 850 1,700 2,550 3,400

CWNMP_recharge_sites_11x17.mxd J.A.B. 6/1/2010




- Existing Well
 - Proven Future Well
 - Proposed Future Well
 - ✱ NHESP Certified Vernal Pools
 - Marine Watersheds
 - Residential Developable Parcels
 - Commercial Developable Parcels
 - 2007 WWFP Sites
 - MASS GIS / DEP Wetlands
 - 21E Sites
 - Hyannis WPCF Site
 - MMMS Site
 - DPW SWD Site
 - Government & Protected Land
 - 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.
- Fire District Lines
 - Major Roads
 - Town Boundary
 - Water Bodies


TOWN OF BARNSTABLE MASSACHUSETTS

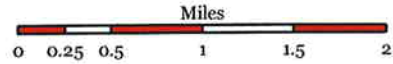
Comprehensive Wastewater and Nutrient Management Plan

Wastewater Facility Site Considerations

Figure 5-9







Miles

CWNMP_RechargeConsiderations_3_11x17_b.mxd J.A.B. 6/1/2010