

# GRRIP II Watershed Analysis for Seekonk, MA.

Estimates of Land Use, Impervious Surface and Annual Nonpoint Source Pollution Loads

## Watershed 2

### 2003 Land Use Types

- Crop Land
- Pasture
- Forest
- Non-Forested Wetland
- Mining
- Open Land
- Participation Rec.
- Spectator Rec.
- Water-based Rec.
- Multi-Fam. Res.
- High Density Res.
- Medium Dens. Res.
- Low Dens. Res.
- Salt Water Wetland
- Commercial
- Industrial
- Urban Open
- Transportation
- Waste Disposal
- Water
- Woody Perennial (Includes Cranberry Bogs and Nurseries)

### Land Use Allocation

115.2 acres

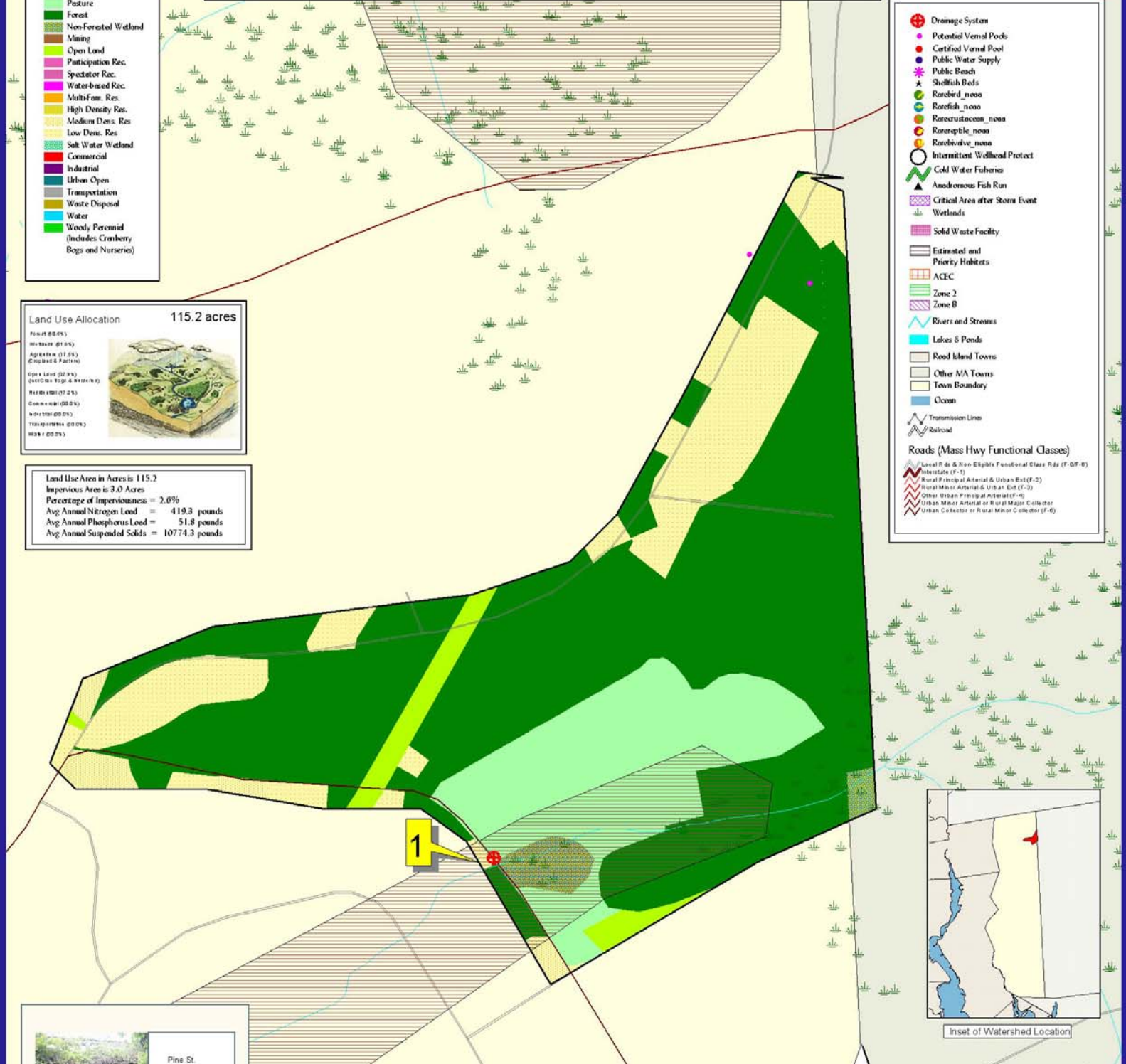
- Forest (60.5%)
- Open Land (17.5%)
- High Density Res. (17.2%)
- Commercial (2.2%)
- Water (1.0%)
- Waste Disposal (0.5%)
- Other (0.1%)



### Land Use Area in Acres is 115.2

Impervious Area is 3.0 Acres  
 Percentage of Imperviousness = 2.6%  
 Avg Annual Nitrogen Load = 419.3 pounds  
 Avg Annual Phosphorus Load = 51.8 pounds  
 Avg Annual Suspended Solids = 10774.3 pounds

- ### Drainage System
- Potential Vernal Pools
  - Certified Vernal Pool
  - Public Water Supply
  - Public Beach
  - Shellfish Beds
  - Rarebird, none
  - Rarefish, none
  - Rareinsect, none
  - Rareplant, none
  - Rarebird, none
  - Rareinsect, none
  - Rareplant, none
  - Internationally Wetland Protect
  - Cold Water Fisheries
  - Anadromous Fish Run
  - Critical Area after Storm Event
  - Wetlands
  - Solid Waste Facility
  - Estimated and Priority Habitats
  - ACEC
  - Zone 2
  - Zone B
  - Rivers and Streams
  - Lakes & Ponds
  - Road Island Towns
  - Other MA Towns
  - Town Boundary
  - Ocean
  - Transmission Lines
  - Railroad
- ### Roads (Mass Hwy Functional Classes)
- Local Rd. & Non-Eligible Functional Class Rd. (F-0/F-B)
  - Interstate (F-1)
  - Rural Principal Arterial & Urban Exit (F-2)
  - Rural Minor Arterial & Urban Exit (F-2)
  - Other Urban Principal Arterial (F-3)
  - Urban Minor Arterial or Rural Major Collector
  - Urban Collector or Rural Minor Collector (F-6)



Inset of Watershed Location



Pine St. between Sweeney Rd. and Cross St.

Pine St. (between Sweeney Rd. and Cross St.) structure consists of two, 3' concrete pipes in an earthen and stone headwall. Pipes are in good shape but the headwall was crumbling into the streambed. Stream was dry when observed.

The GRRIP II (Geographic Roadway Runoff Inventory Program) is an analysis of roadway drainage facilities located in environmentally sensitive areas on defined Federal Aid Eligible Roadways. GRRIP II analyzed towns in the SRPEDD region that fall within the Narragansett and Taunton River Watersheds. The Watershed Analysis Project further details several of the drainage systems within each of these towns in the Narragansett and the Taunton River Watersheds to show the general health of the contributing watershed from the specified drainage system by extrapolating its area of imperviousness using the Scholar Watershed Model and the Watershed Tools Extension developed by Mass GIS.

Map prepared by  
 SRPEDD  
 88 Broadway, Taunton MA  
 August 2004

Watershed Analysis produced using the Watershed Tools Extension developed by Mass GIS.

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This map was provided by SRPEDD (Southeastern Regional Planning and Economic Development District), Taunton, MA. Portions of the aerial digital data may have been supplied by the Massachusetts Executive Office of Environmental Affairs, MassGIS, Cable Corporation of Taunton, MA, SRP, the Bureau of Transportation Planning & Development, Division of Motor Vehicle, Division of Fisheries & Wildlife, Department of Public Health, Solid Waste Management, Coastal Zone Management, National Oceanic & Atmospheric Administration (NOAA).

