

# GRRIP II Watershed Analysis for N. Attleborough, MA

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

## Watershed 1

### 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

108.4 acres



Land Use Area in Acres is 108.4

Impervious Area is 29.8 Acres

Percentage of Imperviousness = 27.5%

Avg Annual Nitrogen Load = 870.5 pounds

Avg Annual Phosphorus Load = 147.8 pounds

Avg Annual Suspended Solids = 40517.8 pounds



Route 1A over the Ten Mile River

1



Route 1A over the Ten Mile River

2

Woodcock Damson and the liquor store at Route 1A over the Ten Mile River. Very low flow, murky, with petroleum slick (slight). Bridge is in need of repair with exposed rebar and cracking concrete. There is debris in the river. Parts of channel wall on both sides of the street are collapsing.

- Drainage System
  - Potential Vernal Pools
  - Certified Vernal Pool
  - Public Water Supply
  - Public Beach
  - Shellfish Beds
  - Rarebird\_noon
  - Rarefish\_noon
  - Rarecrustacean\_noon
  - Rareinvertebrate\_noon
  - Rareinvertebrate\_noon
  - Rareinvertebrate\_noon
  - Intermittent 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. or Non-Eligible Functional Class Rd. (F-0/F-1)
  - Interstate (I-1)
  - Rural Principal Arterial & Urban Ext (F-2)
  - Rural Minor Arterial & Urban Ext (F-3)
  - Other Urban Principal Arterial (F-4)
  - Urban Minor Arterial or Rural Major Collector
  - Urban Collector or Rural Minor Collector (F-5)

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 Roads. GRRIP II analyzed towns in the SRPEDD regions 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 outpulsing the 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.

This map was produced by SRPEDD (Southeastern Regional Planning and Economic Development District), Taunton, MA. Portions of the source 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 Air and Pollution, Division of Fisheries & Wildlife, Road and Bay Project, USDA, State Conservation Service, Coastal Land Management, Natural Climate, Philosophical Association (PAC), and the Massachusetts Department of Transportation (MassDOT).

The location of feature boundaries shown on this map are approximate and are provided for general informational purposes. This map is an informational tool in planning or policy purposes.

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Inset of Watershed Location

