

GRRIP II Watershed Analysis for Carver, 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)

Dunham Pond

Sampson Pond

1&2

Land Use Allocation 1552.2 acres

Forest (25.4%)
 Water (23.1%)
 Agriculture (20.0%)
 Open Space (17.3%)
 Residential (15.0%)
 Commercial (10.0%)
 Industrial (8.0%)
 Wetlands (7.0%)
 Other (1.2%)

Land Use Area in Acres is 1552.2
Impervious Area is 38.4 Acres
Percentage of Imperviousness = 2.5%
 Avg Annual Nitrogen Load = 4145.1 pounds
 Avg Annual Phosphorus Load = 647.4 pounds
 Avg Annual Suspended Solids = 132927.4 pounds

Drainage System

- Potential Vernal Pools
- Certified Vernal Pools
- Public Water Supply
- Public Beach
- Shellfish Beds
- Rarebird_noon
- Rarefish_noon
- Rarecrustacean_noon
- Rarereptile_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
- AGIC
- 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-Exempt Functional Class Rd (F-0/F-1)
- Interstate (F-1)
- Rural Principal Arterial & Urban Exp (F-2)
- Rural Minor Arterial & Urban Exp (F-3)
- Other Urban Principal Arterial (F-4)
- Urban Minor Arterial or Rural Major Collector (F-5)
- Urban Collector or Rural Minor Collector (F-6)

These 2 drainage points are located at Sampson's Pond on Tremont Street. The pond is a priority habitat surrounded by interim wetland protection zones, public drinking supply watersheds and numerous cranberry bogs.

Point 1: The Cover Book The Road. Redlined being carried down the road.

Point 2: Sampson Road (18&2) near the The Road. Redlined.

The GRRIP II (Geographic Roadway Runoff Inventory Program) is an analysis of roadway drainage facilities located in environmentally sensitive areas on defined Federal Aid Single 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 the towns in the Narragansett and the Taunton River Watersheds to show the general health of the contributing watershed from the specified drainage system by outplotting an area of responsibility using the Scholar Watershed Methodology and the Watershed Tools Extension developed by Mass GIS.

Map prepared by
SRPEDD
88 Broadway, Taunton MA
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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, Massachusetts, Cape Corporation of Taunton, MA, SRP, the Bureau of Transportation Planning & Development, Division of State Planning, Division of Planning & Urban Affairs, Regional Day Project, UDCS, Salt Conservation Project, Coastal Line Management, Natural Oceans, Atmospheric Association Project.

The location of feature boundaries shown on this map are approximate and are provided for planning purposes only. This map is an informational only and is not intended for any other purpose.

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