

GRRIP II Watershed Analysis for Seekonk, MA

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

Watershed 3

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 223.7 acres



Land Use Area in Acres is 223.7
 Impervious Area is 25.5 Acres
 Percentage of Imperviousness = 11.4%
 Avg Annual Nitrogen Load = 1371.5 pounds
 Avg Annual Phosphorus Load = 278.3 pounds
 Avg Annual Suspended Solids = 58447.6 pounds

- ⊕ 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
 - ACIC
 - 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 R or N Non-Eligible Functional Class Rte (F-0F-0)
 - Interstate (F-1)
 - Rural Principal Arterial & Urban Excl (F-2)
 - Rural Minor Arterial & Urban Excl (F-3)
 - Other Urban Principal Arterial (F-4)
 - Urban Minor Arterial or Rural Major Collector
 - Urban Collector or Rural Minor Collector (F-6)

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 region that fall within the Narragansett and Taunton River Watersheds. This Watershed Analysis Project further details report 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 extrapolating the area of imperviousness using the Scholar Watershed Methodology and the Watershed Tool 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.

Disclaimer: This report is a result of a study conducted by SRPEDD Regional Planning and Economic Development District, Taunton, MA. Portions of the report and data may have been supplied by the Massachusetts Executive Office of Environmental Affairs (MassDEA), Capital Corporation of Boston, MA, SRPD, the Bureau of Transportation Planning & Development, Division of Environmental Services of the Massachusetts Department of Transportation (MassDOT), and the Federal Highway Administration (FHWA). The location of various facilities shown on this map are approximate and are intended for planning purposes only. This map is intended for legal, planning or advisory purposes.

The funding for this project was provided by the Federal Highway Administration (FHWA) as part of the Massachusetts Highway Improvement Program.



Route 44 at the Running River

Route 44 at the Running River

Route 44 at the Running River

Route 44 at the Running River

Route 44 at the Running River

Route 44 at the Running River: there is an 18" concrete pipe in a concrete and stone headwall. The pipe is in good shape. The headwall was collapsed in places and the northern base has eroded in places. The concrete headwall of the bridge over the Running was cracked and weathered in spots. Some erosion at the base is evident. The Running River was low but had a fairly good flow. No other was clear when observed but a level boat was present.

