

GRRIP II Watershed Analysis for N. Attleborough, 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

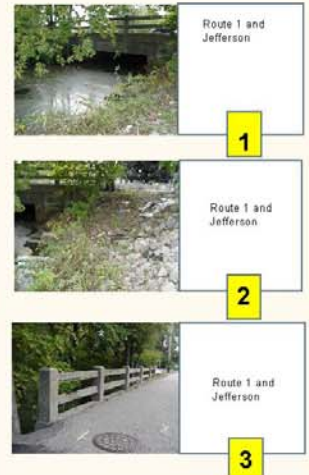
63.8 acres

Forest (63.8%)
 Multi-Fam. Res. (0.0%)
 Agriculture (0.0%)
 Commercial (0.0%)
 Open Land (0.0%)
 Industrial (0.0%)
 High Density Res. (0.0%)
 Medium Dens. Res. (0.0%)
 Low Dens. Res. (0.0%)
 Salt Water Wetland (0.0%)
 Commercial (0.0%)
 Industrial (0.0%)
 Urban Open (0.0%)



Land Use Area in Acres is 63.8
 Impervious Area is 32.1 Acres

Percentage of Imperviousness = 50.3%
 Avg Annual Nitrogen Load = 576.0 pounds
 Avg Annual Phosphorus Load = 107.9 pounds
 Avg Annual Suspended Solids = 30497.4 pounds



Route 1 and Jefferson

1

Route 1 and Jefferson

2

Route 1 and Jefferson

3

Route 1 and Jefferson at the Continental House Apts. Bridge over the Ten Mile going into Falls Pond/Coral Lake needs repair. Rail has exposed rebar and crumbling cement. River bank off of the Continental parking lot is rip-rapped but not near the entrance where the bank is exposed. There is evidence of erosion, siltation and some debris.

1, 2 & 3

Coral Lake



Inset of Watershed Location



- ⊕ Drainage System
 - Potential Vernal Pools
 - Certified Vernal Pool
 - Public Water Supply
 - Public Beach
 - Shellfish Beds
 - Rarebird_noon
 - Rarefish_noon
 - Rarecrustacean_noon
 - Rareoptile_noon
 - Rareinverte_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 Rd & Non-Eligible Functional Class Rte (F-0/F-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 region for 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 Hydrology 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.

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 (MassDEA), Cape Cod Commission of Taunton, MA, SRPD, the Bureau of Transportation Planning & Development, Division of Environmental Services of Fisheries & Wildlife, Department of Public Health, Joint Conservation Service, Coastal Land Management, Technical Office & Infrastructure Association (TICIA).

This map is intended for informational purposes only and is not intended for planning purposes only.

The location of feature boundaries shown on this map are approximate and are intended for planning purposes only.

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

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 (MassDEA), Cape Cod Commission of Taunton, MA, SRPD, the Bureau of Transportation Planning & Development, Division of Environmental Services of Fisheries & Wildlife, Department of Public Health, Joint Conservation Service, Coastal Land Management, Technical Office & Infrastructure Association (TICIA).

This map is intended for informational purposes only and is not intended for planning purposes only.

The location of feature boundaries shown on this map are approximate and are intended for planning purposes only.

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

