

GRRIP II Watershed Analysis for Berkley, MA

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

2003 Land Use Types

- Crop Land
- Pasture
- Forest
- Non-Forestal 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 Grassy Bogs and Nurseries)

Land Use Allocation

405.6 acres



Land Use Area in Acres is 405.6

Impervious Area is 9.3 Acres

Percentage of Imperviousness = 2.3%

Avg Annual Nitrogen Load = 1385.8 pounds

Avg Annual Phosphorus Load = 152.1 pounds

Avg Annual Suspended Solids = 42509.9 pounds



1-7

- Drainage System
 - Potential Vernal Pools
 - Certified Vernal Pool
 - Public Water Supply
 - Public Beach
 - Shellfish Beds
 - Rarebird_noon
 - Rarefish_noon
 - Rarecrustacean_noon
 - Rareamphibian_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 Arterial & Non-Eligible Functional Class Rte (F-DP-6)
 - Interstate (I-1)
 - Rural Principal Arterial & Urban Exd (F-2)
 - Rural Minor Arterial & Urban Exd (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 analysis forms the SRPEDD register for all 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 extrapolating its area of imperviousness using the Scholar WatershedMorphology and the Watershed Tool 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 Technical Development District) Taunton, MA. Portions of the source data were from data supplied by the Massachusetts Executive Office of Environmental Affairs (MassDES), Colson Corporation of Taunton, MA, SRP, the Office of Transportation Planning & Development, Division of the State Police, Division of Fisheries & Wildlife, Massachusetts State Police, State Construction Division, Coastal Zone Management National Oceanic and Atmospheric Administration (NOAA), and the Massachusetts Department of Transportation (MassDOT).

The location of features from data shown on this map are approximate and are intended for planning purposes only. This map is an informational tool, and is not intended for any other purpose.

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Inset of Watershed Location

