

GRRIP I Watershed Analysis for Carver, MA.


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

Watershed 1

Land Use Types

- Croy 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

Land Use Allocation 1552.2 acres




- Forest (66.1%)
- Water (20.1%)
- Agriculture (20.2%)
- Open Space (11.3%)
- Roads (13.6%)
- Commercial (22.7%)
- Transportation (22.2%)
- Waste (23.4%)

Land Use Area in Acres is 1552.2
Impervious Area is 28.4 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 Pool
 - Public Water Supply
 - * Public Beach
 - ★ Shellfish Beds
 - Rarebird_noon
 - Rarefish_noon
 - Rarecrustacean_noon
 - Rarereptile_noon
 - Rarebirdsw_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**
- Local Rds & Non-Eligible Functional Class Rds (F-0/F-6)
 - 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-6)

1&2

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



Point 1: The Cover Book The Road. Roadside drainage system on the road.



Point 2: Sampson's Road. Roadside drainage system on the road.

The GRRIP I (Geographic Roadway Runoff Inventory Program) is an analysis of roadway drainage facilities located in environmentally sensitive areas on defined Federal Aid Eligible Roads. GRRIP I analyzed teams in the SRPEDD region for fall within the Buzzards Bay Watershed. This Watershed Analysis Project further details several of the drainage systems within each of the towns in the Buzzards Bay Watershed to show the general health of the contributing watershed from the specified drainage system by outpacing the area of imperviousness using the Scholar Watershed Metadata 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

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 Affairs, MassGIS, Capital Corporation of Boston, MA, SRP, the Bureau of
 Transportation Planning & Development, Office of Mass Planning, Division of
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The location of future brown areas shown on this map are approximate and are
 intended for planning purposes only. This map is not intended for legal
 or planning or survey purposes.

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0 0.3 Miles