

GRRIP I Watershed Analysis for Lakeville/Rochester, MA.

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

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

Land Use Allocation

- Forest (0.4%)
- Non-Forested Wetland (0.4%)
- Agriculture (0.2%)
- Open Space (0.2%)
- Multi-Family (0.2%)
- Commercial (0.2%)
- Industrial (0.2%)
- Water (0.2%)
- Woods (0.4%)



Land Use Area in Acres is 261.3
 Impervious Area is 3.3 Acres
 Percentage of Imperviousness = 1.3%
 Avg Annual Nitrogen Load = 726.7 pounds
 Avg Annual Phosphorus Load = 40.8 pounds
 Avg Annual Suspended Solids = 8926.8 pounds

- Drainage System
- Potential Vernal Pools
- Certified Vernal Pools
- Public Water Supply
- Public Beach
- Shellfish Beds
- Rarebird_noss
- Rarefish_noss
- Rareinsect_noss
- Rareplant_noss
- Rarewildlife_noss
- Rarewetland_noss
- 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
- Local Rd & Non-Eligible Functional Class Rd (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)



The GRRIP I (Geographic Roadway Road Inventory Program) is an analysis of roadway drainage facilities based on environmentally sensitive areas on old road Federal Aid Eligible Roads. GRRIP I analyzed towns in the SRPEDD region that 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 systems by delineating the area of imperviousness using the Schedule Watershed Methodology and the Watershed Tools Extension developed by Mass GIS.



Watershed Analysis produced using the Watershed Tools Extension developed by Mass GIS.

This map was produced by SRPEDD (Southwest Regional Planning and Economic Development District) in Lakeville, MA. Portions of the aerial digital data were provided by the Massachusetts Executive Office of Environmental Affairs, MassGIS, Cyber Corporation of Boston, MA, ESRI, the Bureau of Transportation Planning & Development, Division of State Planning, Division of Fisheries & Wildlife, State and the Private, USGS, State Conservation Service, Central and Massachusetts Wetland Observer, Massachusetts Executive Office.

The location of features 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 0.25 0.5 Miles

This entire watershed is located within a Zone B protection area