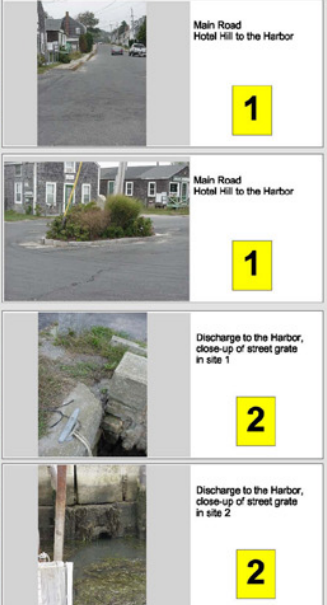


Town of Westport, MA

GRRIP (Geographic Roadway Runoff Inventory Program)



- Road Crossing and Stream Crossing Structures including Bridges, Culverts, and Dams
 - Town Boundary
 - Other Massachusetts Towns
 - Rhode Island Towns
 - MRIP Natural Lands
 - Riparian Corridors
 - ACEC (Areas of Critical Environmental Concern)
 - 100 meters buffer
 - Estimated & Priority Habitats (NHES)
 - Open Space (Includes Municipal, Permanently Protected, Private Non-Profit, Agricultural, Chapter 61A,B)
 - Wetlands
 - Interim Wellhead Protection (1/2 mi radius)
 - Critical Areas after Storm Events/ DMF
 - Approved Zonell Protection Area (DEQE)
 - Outstanding Resource Waters
 - Cranberry Bogs (some Orchard/Nursery)
 - Solid Waste Facilities/DEP
 - Barrier Beaches
 - Transmission Lines
 - Railroads
 - Lakes & Ponds
 - Rivers & Streams
 - Ocean
-
- Coldwater Fisheries/Rivers (DFW)
 - Coldwater Fisheries/Ponds (DFW)
 - Public Beach (NOAA)
 - Rare & Sensitive Crustacean (NOAA)
 - Rare & Sensitive Bivalve (NOAA)
 - Rare & Sensitive Reptile (NOAA)
 - Rare & Sensitive Fish (NOAA)
 - Rare & Sensitive Bird (NOAA)
 - Certified Vernal Pools
 - Shellfish Beds
 - Anadromous Fish Runs
 - Public Water Supplies
-
- Local Rds & Other Non-Eligible Functional Class Rds
 - Interstate (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 (F-5)
 - Urban Collector or Rural Minor Collector (F-6)



Stormwater runs along Main Rd, downgradient to the Harbor. There is little to no flow attenuation or infiltration occurring along the road, and the storm grates at the end of Main Rd. catch and divert stormwater into the Harbor. While economical fixes may be limited, there may be an opportunity to construct some infiltration beds along the road right-of-way, and re-use the island at the turnround as an infiltration/flow attenuation structure (an LID approach). This may help to address the concerns over nutrient loading to the Harbor after storm events.



The GRRIP Program had been involved in previous efforts at stormwater control in the Head of Westport. A look at the area upgradient of the Head shows potential significant inputs from the Middle School/Library area; at the time of observation, the storm drain above the Head on the north side of the road had very little reveal due to a sidewalk fault (this drain is right below where Gifford Rd. enters Old County); there was also evidence of silt in the gutters even after a prolonged period of dry weather.



The following data sources from the Massachusetts Natural Heritage & Endangered Species Program at the TCSA, listed on the map, are identified as follows:
 Estimated Habitat of Rare Wildlife
 NEDEP 2007 Estimated Habitats of Rare Wildlife: Use with the Wetlands Protection Act.
 Priority Habitat of known state protected rare plant and animal species
 NEDEP 2007 Priority Habitats of State Listed Rare Species: NOT equivalent to "significant threat" as designated under the Massachusetts Endangered Species Act.
 Certified Vernal Pools
 NEDEP 2007 Massachusetts Certified Vernal Pools

The Geographic Roadway Runoff Inventory Program, or GRRIP, provides an analysis of roadway drainage facilities, located in environmentally sensitive areas, on defined state and local roads. The computer based mapping project included twenty-two separate categories of environmental information, along with other base map layers, to create an overview of a town's environmental and road network information.

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; MASSGIS; Caliper Corporation of Newton, MA; ESRI; Executive Office of Transportation and Public Works, Division of Marine Fisheries; Department of Fish & Game; Buzzards Bay Project; USDA Natural Resources Conservation Service; Coastal Zone Management; National Oceanic & Atmospheric Administration (NOAA); The Nature Conservancy (TNC); Natural Heritage (NH&ESP).
 The location of feature boundaries shown on this map are approximate and are intended for planning purposes only. This map is not intended for legal, engineering or survey purposes.
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Map Produced by SRPEDD
 Southeastern Regional Planning & Economic Development
 Taunton, MA
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