

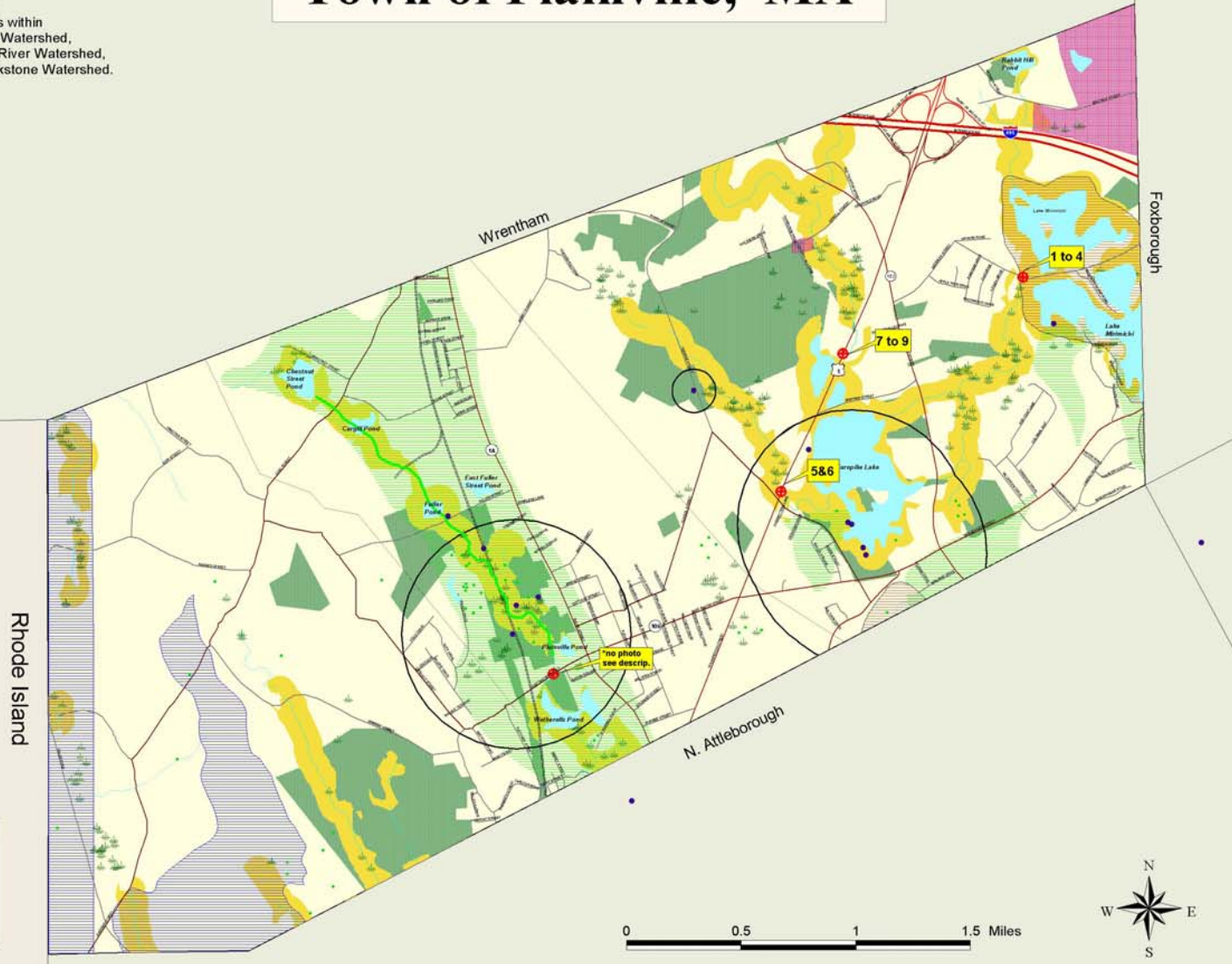
**GRRIP II
(Geographic Roadway
Runoff Inventory
Program)**

Plainville falls within
the Ten Mile Watershed,
the Taunton River Watershed,
and the Blackstone Watershed.

Town of Plainville, MA

- Location of a Storm Water Drainage System in an Environmentally Sensitive Area near a Federally Eligible Roadway
 - Town Boundary
 - Other Massachusetts Towns
 - Rhode Island Towns
 - MSP Natural Lands Riparian Corridors
 - 100 meters buffer
 - ACEC (Areas of Critical Environmental Concern)
 - Estimated & Priority Habitats (NHES)
 - Open Space (includes Municipal, Permanently Protected, Private Non-Profit, Agricultural, Chapter 61A.B)
 - Wetlands
 - Interim Wetland Protection (1/2 mi radius)
 - Critical Areas after Storm Events/ DMF
 - Approved Zoned Protection Area (DEP)
 - Zone B Protection Area
 - EPA Site Source Aquifer
 - Outstanding Resource Waters
 - Cranberry Bogs (some Orchard/Nursery)
 - Solid Waste Facilities/DEP
 - Barrier Beaches
 - Transmission Lines
 - Railroads
 - Lakes & Ponds
 - Stream
 - Intermittent Stream
 - Ocean
-
- Coldwater Fisheries/Rivers (DFW)
 - Coldwater Fisheries/Ponds (DFW)
 - Public Beach (NOAA)
 - Rare & Sensitive Crustacean (NOAA)
 - Rare & Sensitive Bi/Valve (NOAA)
 - Rare & Sensitive Reptile (NOAA)
 - Rare & Sensitive Fish (NOAA)
 - Rare & Sensitive Bird (NOAA)
-
- DEP Seagrass
 - algae
 - eelgrass
 - NHESP Potential Vernal Pools
 - Certified Vernal Pools
 - Shellfish Beds
 - Anadromous Fish Runs
 - Public Water Supplies

- Local Rds & Other Non-Eligible Functional Class Rds
- Federal Road Inventory**
- 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)



Lake Mirimichi at Turtle Brook: ① concrete pipe in stone and cement headwall. Some exposed rebar and part of the lower headwall has collapsed into Turtle Brook. The road surface has sloughed and eroded near this structure. The gravel base is compromised in spots and runoff can drop directly into the waterbody from the road at this point. Turtle Brook had a steady flow but silt of silt.



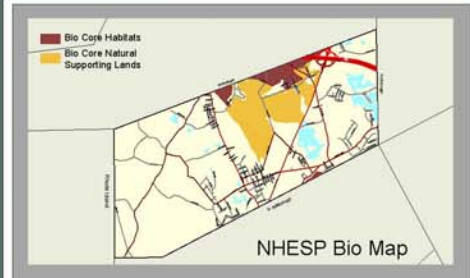
Culvert under Route 1 between Turple Lake and wetland (NW): collapsing silt fence, MHD cones, pavement chips and debris remain from resurfacing. New asphalt swale, >35% slope to the headwall. Some debris and very heavy silt at the base of the swale. On both sides of Route 1, there is so much silt coming off the road that silt fences have collapsed in spots and debris is accumulating around the banks. Flow attenuators should be considered.



Route 1 at Turple Lake, north of Sheppard St: ⑦ concrete culvert goes under Route 1 and connects waterbodies; asphalt swales on both sides of the road. Slopes greater than 25% to the water. Channelization and erosion occurring. Large plastic tank blocking culvert on the west side. Chunks of asphalt and road reflectors from recent resurfacing are scattered along roadside at the top of the banks behind guard rail. Silt and debris evident below swales on both sides.



⑨ Site without a photo located at West Bacon (Rte 6) at the Plainville Cemetery. No reveal left to the curbing on the roadway, allowing runoff to go directly into the brook off of the bridge. A cold water fishery is upstream from this site.



This map was produced by SRPEDD (State Roadway Pollution Prevention and Education Development District) in Plainville, MA. The map is a digital map and has been prepared by the Massachusetts Executive Office of Environmental Affairs, Executive Office of Transportation, Division of Environmental Planning & Development, Division of Marine Fisheries, Division of Fisheries & Wildlife, MAED, USGS, National Conservation Service, Coastal Zone Management, National Oceanic & Atmospheric Administration (NOAA).

The location of where roadways cross on this map are approximate and are intended for general purposes only. This map is not intended for legal, engineering or other purposes.

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Map Prepared by SRPEDD
State Roadway Pollution Prevention & Education Development District
Plainville, MA
June 2012

The Towns are Fall River, Freeport, Lakeville, Middleborough, Carver, Scituate, Swansea, Berkley, Taunton, Raynham, Seekonk, Raynham, Dighton, Attleboro, N. Attleborough, Norton, Mansfield, Plainville.