

City of Fall River, MA

Fall River falls within the Mt. Hope Watershed, the Taunton River Watershed and the Buzzards Bay Watershed.



Bell Rock Rd crossing Queen Gutter Brook. Near Wilson Rd. Shows Public Supply Water.

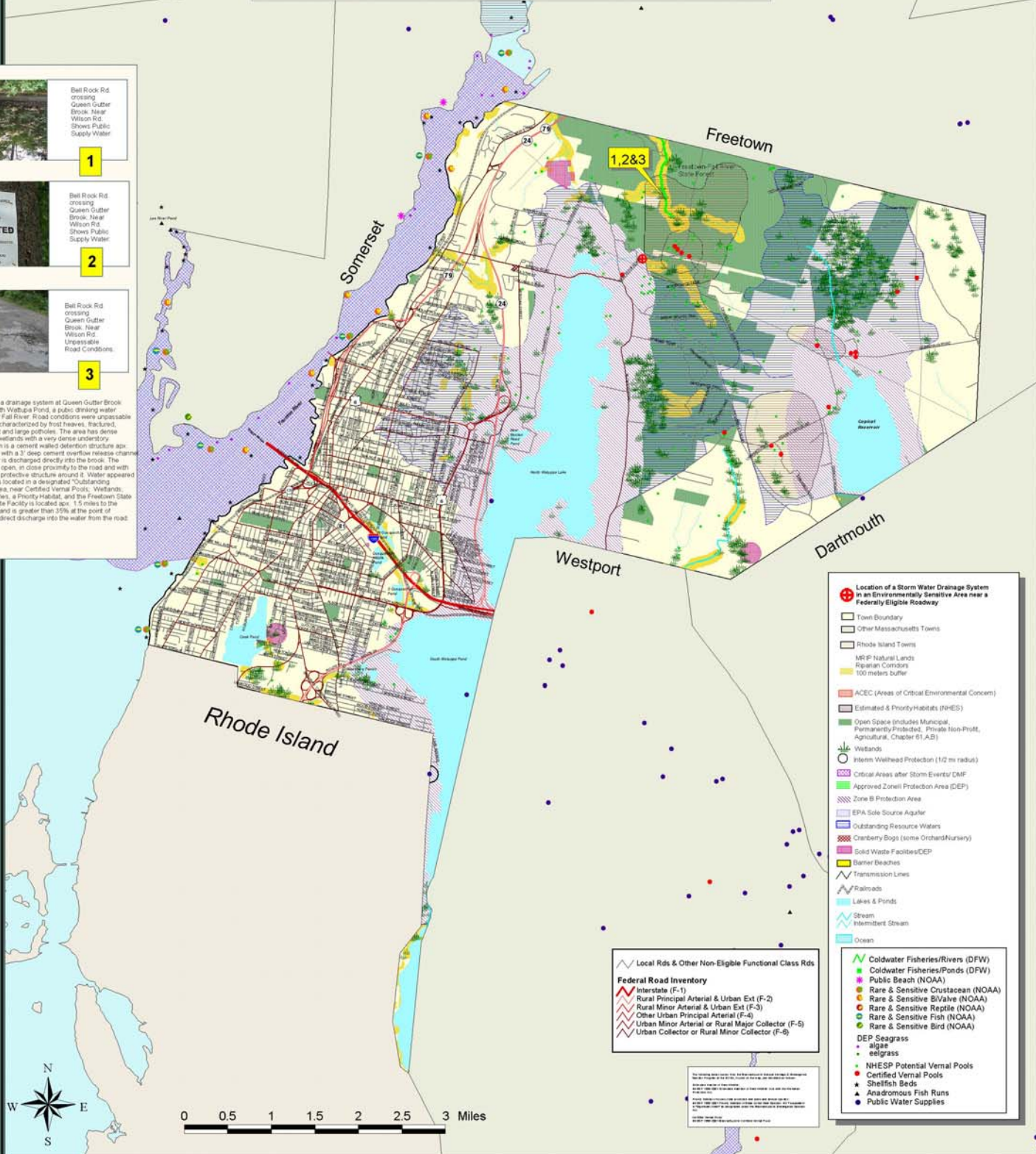


Bell Rock Rd crossing Queen Gutter Brook. Near Wilson Rd. Shows Public Supply Water.



Bell Rock Rd crossing Queen Gutter Brook. Near Wilson Rd. Unpassable Road Conditions.

Photos above show a drainage system at Queen Gutter Brook which flows into North Water Pond, a public drinking water supply for the city of Fall River. Road conditions were unpassable and extremely poor characterized by frost heaves, rutting, crumbling pavement and large potholes. The area has dense vegetated forested wetlands with a very dense understory. The drainage system is a cement walled detention structure approx. 12' X 20' X 10' deep with a 3' deep cement overflow release channel through which water is discharged directly into the brook. The detention basin was open, in close proximity to the road and with no safety fencing or protective structure around it. Water appeared clean. The system is located in a designated "Outstanding Resource Water" area, near Certified Vernal Pools, Wetlands, a Cold Water Fisheries, a Priority Habitat, and the Freetown State Forest. A Solid Waste Facility is located approx. 1.5 miles to the North. Slope of the land is greater than 35% at the point of discharge. There is direct discharge into the water from the road.



- 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
- MRP Natural Lands Riparian Corridor
- 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
- Intern. Wetland Protection (1/2 mi radius)
- Critical Areas after Storm Events/ DMF
- Approved Zonell Protection Area (DEP)
- Zone B Protection Area
- EPA Sole 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 Bivalve (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)

This map was produced by SRPEDD in collaboration with Regional Planning and Economic Development District (RPEDD) Taunton, MA. Portions of the data or digital data in this map were supplied by the Massachusetts Executive Office of Environmental Affairs, Massachusetts, College Corporation of the State, MA, DSH, the Bureau of Transportation Planning & Development, Division of Water Resources, Division of Fisheries & Wildlife, RIDOT, USDA Natural Conservation Service, Coastal Zone Management, National Oceanic & Atmospheric Administration (NOAA), and the Massachusetts Department of Transportation (MassDOT).

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GRRIP II (Geographic Roadway Runoff Inventory Program) is an analysis of roadway drainage facilities in relation to intersecting environmentally sensitive areas on defined Federal Aid "functionally classed" roads. The GRRIP II project analyzed 18 SRPEDD towns within the Narragansett Bay Watershed Region and mapped those storm water drainage systems considered to be located in critically sensitive environmental areas.



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

