

City of New Bedford, MA

GRRIP (Geographic Roadway Runoff Inventory Program)



Along the shoreline of the pond at Buttonwood Park in New Bedford

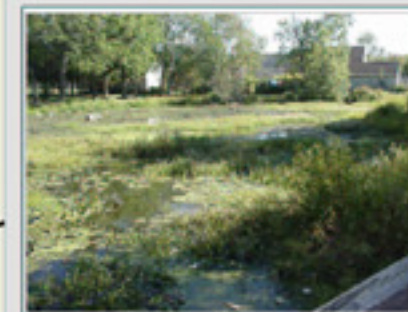
1

Wildfowl around ponds can have a significant impact upon nutrient levels in the water. This photo is of one area along the shoreline of the pond at Buttonwood Park in New Bedford where hundreds of geese, ducks, pigeons and other wildfowl congregate on a daily basis.



The outlet for the pond is Buttonwood Brook

2



The outlet for the pond is Buttonwood Brook

3



The outlet for the pond is Buttonwood Brook

4

The outlet for the pond is Buttonwood Brook, which flows through the park/zoo area and into Dartmouth. Structural maintenance (including dam function) and adherence to an onsite nutrient management plan are crucial in order to prevent severe loading during intense storm events.



Acushnet Ave. between Wamsutta St. and Pearl St.

5

Acushnet Ave. between Wamsutta St. and Pearl St. there is chronic localized flooding during and after storm events

- 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)
 - 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
 - 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)

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0.5 0 0.5 1 1.5 2 Miles



The following data sources from the Massachusetts Natural Heritage & Endangered Species Program at the DOI, if used on the map, are identified as follows:

Estimated Habitat of Rare Wildlife:
NH&ESP 2007 Estimated Habitat of Rare Wildlife: Use with the Wetlands Protection Act.

Priority Habitat of known state protected rare plant and animal species:
NH&ESP 2007 Priority Habitat of State Listed Rare Species: NOT equivalent to "Significant Habit" as designated under the Massachusetts Endangered Species Act.

Certified Vernal Pools:
NH&ESP 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.

The funding for this project was provided by the Executive Office of Transportation (EOTPW).

Map Produced by SRPEDD
Southeastern Regional Planning & Economic Development
Taunton, MA
September 2007