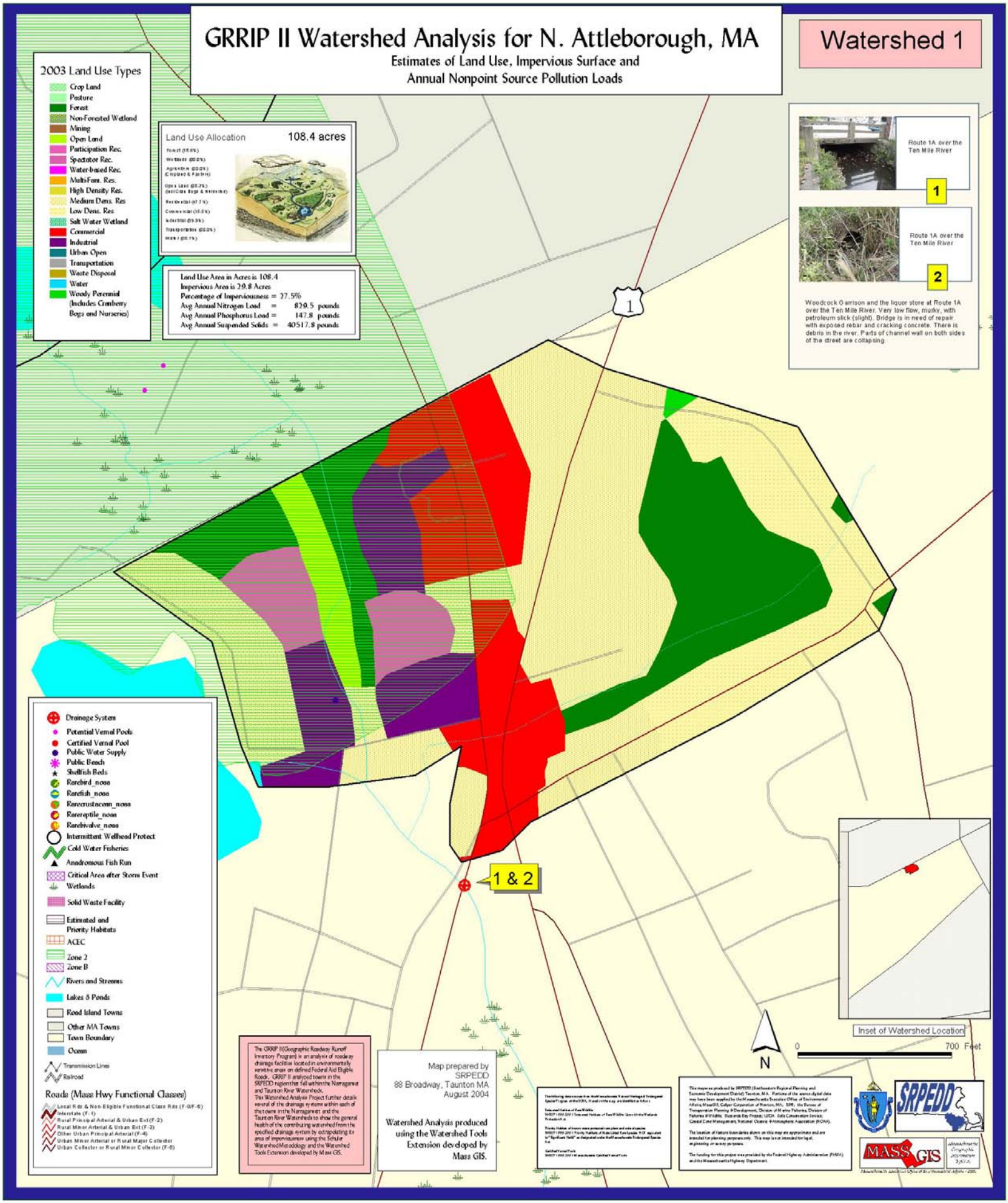
GRRIP II Watershed Analysis for N. Attleborough, MA
Estimates of Land Use, Impervious Surface and
Annual Nonpoint Source Pollution Loads
Watershed 1
2003 Land Use Types
Crop Land
Pasture
Forest
Non-Forested Wetland
Mining
Open Land
Participation Rec.
Spectator Rec.
Water-based Rec.
Multi-Fam. Res.
High Density Res.
Medium Dens. Res
Low Dens. Res
Salt Water Wetland
Commercial
Industrial
Urban Open
Transportation
Waste Disposal
Water
Woody Perennial (Includes Cranberry Bogs and Nurseries)
Land Use Allocation
108.4 acres
Land Use Area in Acres is 108.4
Impervious Area is 29.8 Acres
Percentage of Imperviousness = 27.5%
Avg Annual Nitrogen Load = 829.5 pounds
Avg Annual Phosphorus Load = 147.8 pounds
Avg Annual Suspended Solids = 40517.8 pounds
Route 1A over the Ten Mile River
1
Route 1A over the Ten Mile River
2
Woodcock Garrison and the liquor store at Route 1A over the Ten Mile River. Very low flow, murky, with petroleum slick (slight). Bridge is in need of repair with exposed rebar and cracking concrete. There is debris in the river. Parts of channel wall on both sides of the street are collapsing.
1
1 & 2
Drainage System
Potential Vernal Pools
Certified Vernal Pool
Public Water Supply
Public Beach
Shellfish Beds
Rarebird_noaa
Rarefish_noaa
Rarecrustacean_noaa
Rarereptile_noaa
Rarebivalve_noaa
Intermittent Wellhead 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
Roads (Mass Hwy Functional Classes)
Local Rds & Non Eligible Functional Class Rds (F-0/F-6)
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
Urban Collector or Rural Minor Collector (F-5)
The GRRIP II (Geographic Roadway Runoff Inventory Program) is an analysis of roadway drainage facilities located in environmentally sensitive areas on defined Federal Aid Eligible Roads. GRRIP II analyzed towns in the SRPEDD region that fall within the Narragansett and Taunton River Watersheds.
This Watershed Analysis Project further details several of the drainage systems within each of the towns in the Narragansett and the Taunton River Watersheds to show the general health of the contributing watershed from the specified drainage system by extrapolating its area of imperviousness using the Schuler Watershed Metodology and the Watershed Tools Extension developed by Mass GIS.
Map prepared by
SRPEDD
88 Broadway, Taunton MA
August 2004
Watershed Analysis produced using the Watershed Tools Extension developed by Mass GIS.
Inset of Watershed Location
0
700 Feet
N
SRPEDD
MASS GIS