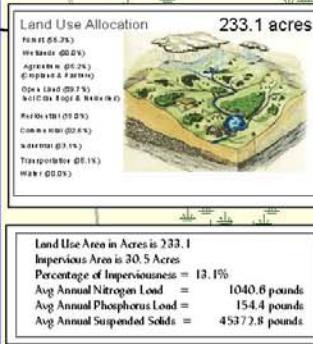
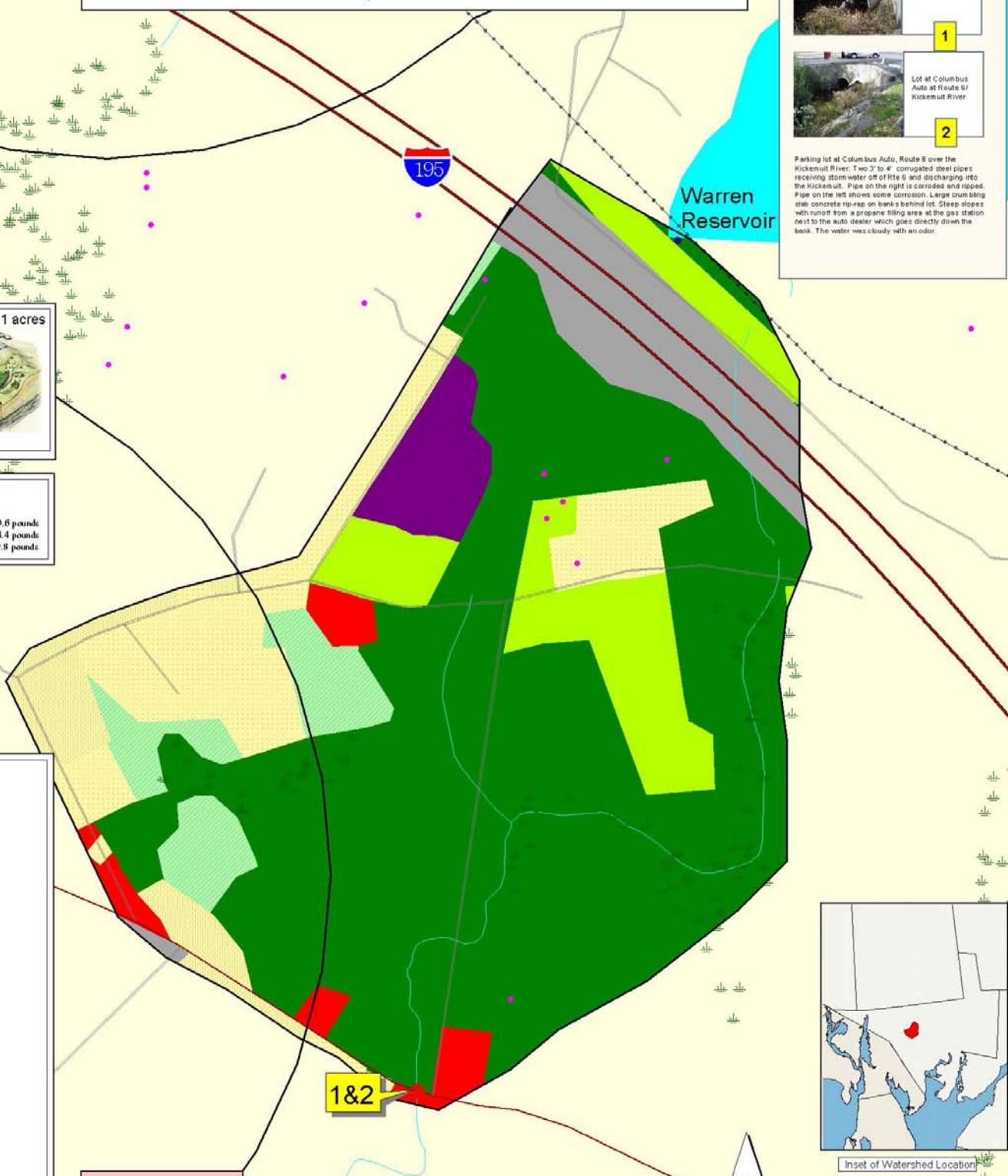


GRRIP II Watershed Analysis for Swansea, MA

Estimates of Land Use, Impervious Surface and
Annual Nonpoint Source Pollution Loads



Land Use Area in Acres is 233.1
Impervious Area is 30.5 Acres
Percentage of Imperviousness = 13.1%
Avg Annual Nitrogen Load = 1040.6 pounds
Avg Annual Phosphorus Load = 154.4 pounds
Avg Annual Suspended Solids = 45372.8 pounds



The GRRIP II Geographic Roadway Runoff Inventory Program is an analysis of roadway drainage systems within a nonpoint source watersheds area on defined Federal-Aid Eligible Roads. GRRIP II analyzed town in the SRPEDD nonpoint runoff area in the Narragansett and Taunton River Watersheds.

This Watershed Analysis Project further details several of the drainage systems within each of these towns in the Narragansett and the Taunton River Watersheds. The general highway drainage systems are entered first in the specified drainage system by extrapolating the area of imperviousness using the Schueler Watershed Methodology 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.

Information data contained in this document is provided "as is" and is subject to change. It is the responsibility of the user to verify the accuracy of the data. The data is provided for informational purposes only. It is not intended for legal, engineering or surveying purposes.

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Parking lot at Columbus Auto, Route 142 over the Kickemuit River. Two 3' to 4' corrugated steel pipes receiving runoff water off of Route 142 and discharging into the Kickemuit River. Pipe on the left is cracked and rusted. Pipe on the left shows some corrosion. Large crumpling steel concrete rip-rap on bank's behind lot. Steep slopes with runoff from a propane filling area at the gas station next to the auto dealer which goes directly down the bank. The water was cloudy with an odor.



Inset of Watershed Location

