



2008

Water and the Future of Your Community: Introductory Slideshow (April 30, 2008 Meeting)

Horsley Witten Group, Inc.

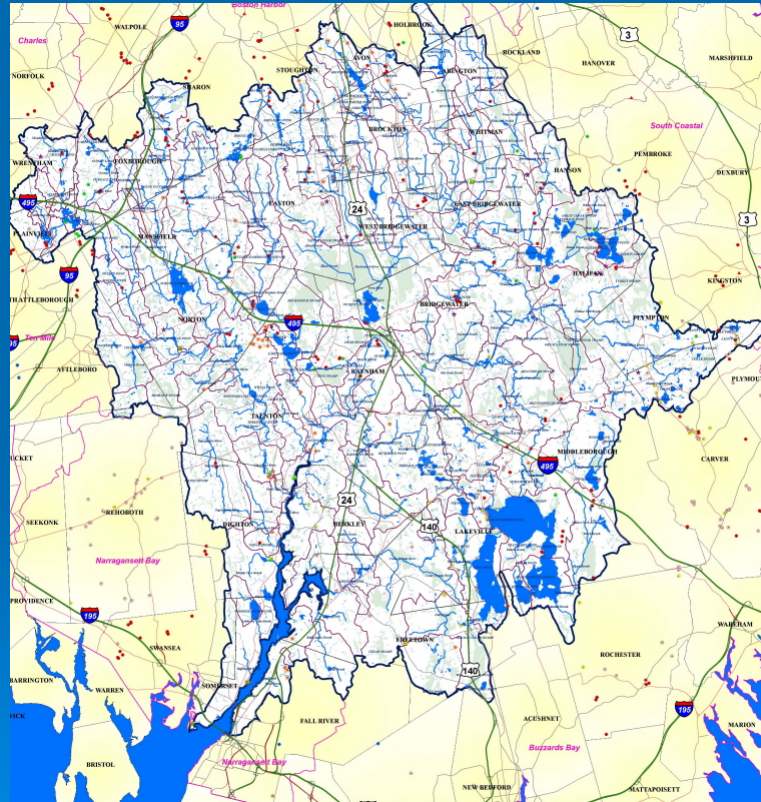
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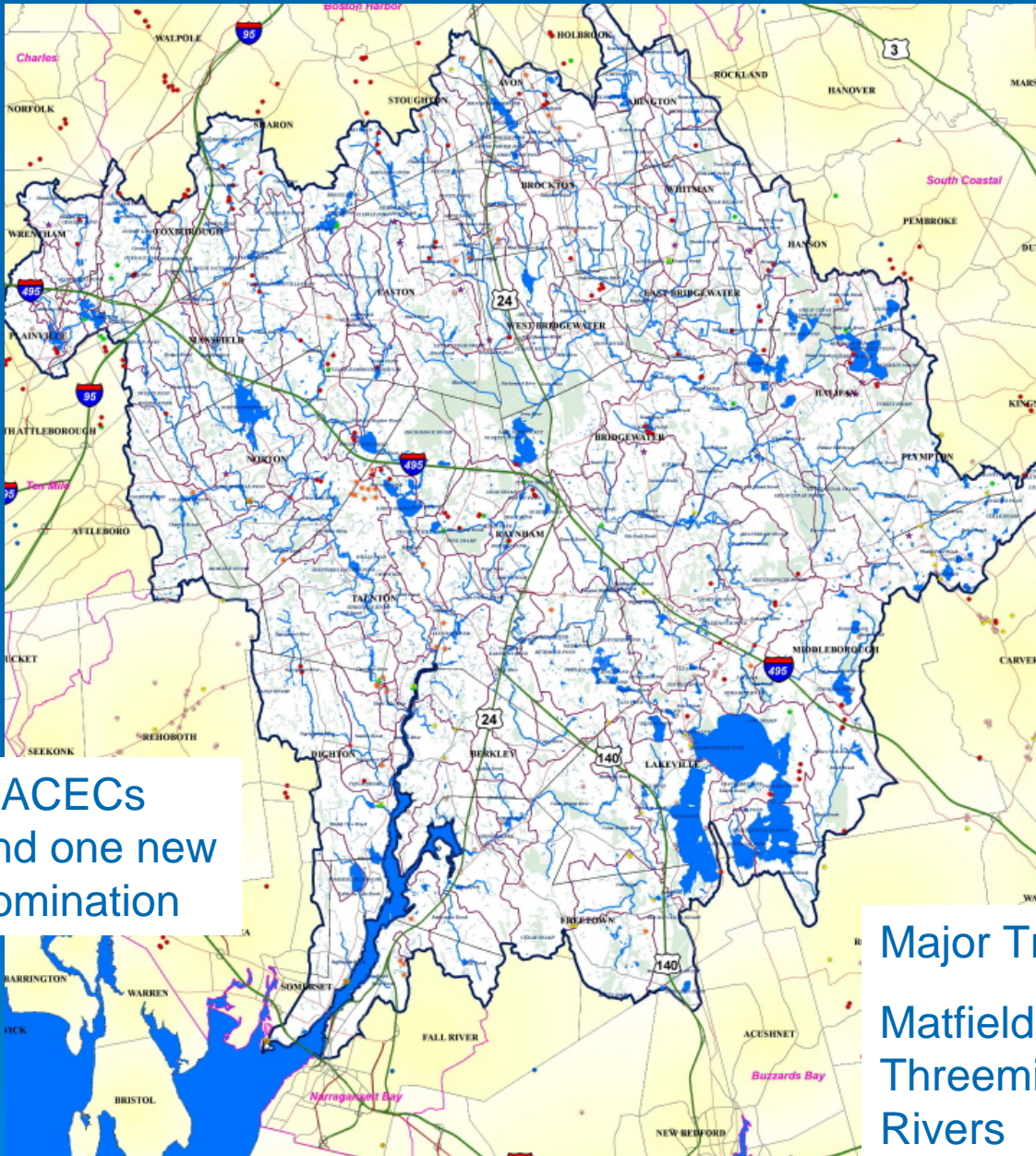
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Taunton River Watershed Project Public Meetings. Item 4.
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Water & The Future of Your Community

Taunton River Watershed Study
April 30, 2008





2 ACECs
and one new
nomination

- 43 Communities
- 462 Square Miles
- 21-foot elevation drop
along Taunton River
mainstem
- Tidally influenced for 18
miles up from Mount Hope
Bay
- Water withdrawals: 353
sources at 148 facilities
- Wastewater discharges:
20 large surface
discharges, 22 large
groundwater discharges

Major Tributaries:
Matfield, Town, Mill (Canoe),
Threemile, Nemasket, and Assonet
Rivers

Today's Agenda

- I. Taunton River Watershed Study *(15 min.)*
- II. Water Budget Analysis *(30 min)*
- III. Overview of Habitat/Buffer Analysis *(10 min)*
- IV. Overview of Smart Growth Tools *(40 min)*
- V. Group “Smart Growth” Exercises *(50 min)*
- VI. Wrap-Up/ Closing Remarks *(15 min)*



Co-Sponsors

Thank you!

- Town of Easton
- Natural Resources Trust of Easton
- Canoe River Aquifer Advisory Committee
- Brockton Conservation Commission
- Taunton River Watershed Alliance



Taunton River Watershed Study Overview

- Funded through a legislative earmark
- Managed by Bridgewater State College
- Steering Committee:
 - Bridgewater State College's Watershed Access Lab
 - MA State Agencies: MA DCR, MA DEP, MA EOEEA
 - The Nature Conservancy
 - Regional Planning Agencies: SRPEDD, OCPC
- Schedule: March 2007 - August 2008



Taunton River Watershed Study Goal

To restore and maintain
a hydrologically and biologically connected
and integrated watershed system
that will sustain healthy humans and wildlife.



Two Phases to the Study

- Phase 1 - Data Gathering/ Preliminary Analysis
 - Gather information and data for a study of the Taunton River Watershed,
 - Perform preliminary analyses,
 - Public education and outreach, and
 - Begin to develop a long-term vision and strategy for the sustainable management of the Taunton River Watershed

- Phase 2 - Develop a Watershed Management Action Plan (Future)



Key Focus Areas:

- Water Budget
 - Stormwater
 - Wastewater
 - Drinking Water Supply
- Smart Growth and LID
- Habitat Impacts



Hockomock Swamp



photo: Alison Bowden



Top 5 Watershed Concerns

1. Education/training for municipal staff, boards and commissions
2. Public education/outreach on environmental issues
3. Protection of habitat, wetlands, open space
4. The extent of Inappropriate development
5. Quantity of flow and availability of critical habitat in rivers, streams, lakes



Phase 1 Final Report

Completion Target: August 2008

- I. Introduction
- II. Data Collection Efforts
- III. Public Outreach Efforts
- IV. Subwatershed Analyses
 - Water Budget Analysis
 - Ecological/Buffer Analysis
- V. Smart Growth Case Study: Easton
- VI. Preliminary Recommendations
- VII. Work Plan Outline for Phase 2

