

North Easton Village
Sewer Plan
Public Meeting Presentation

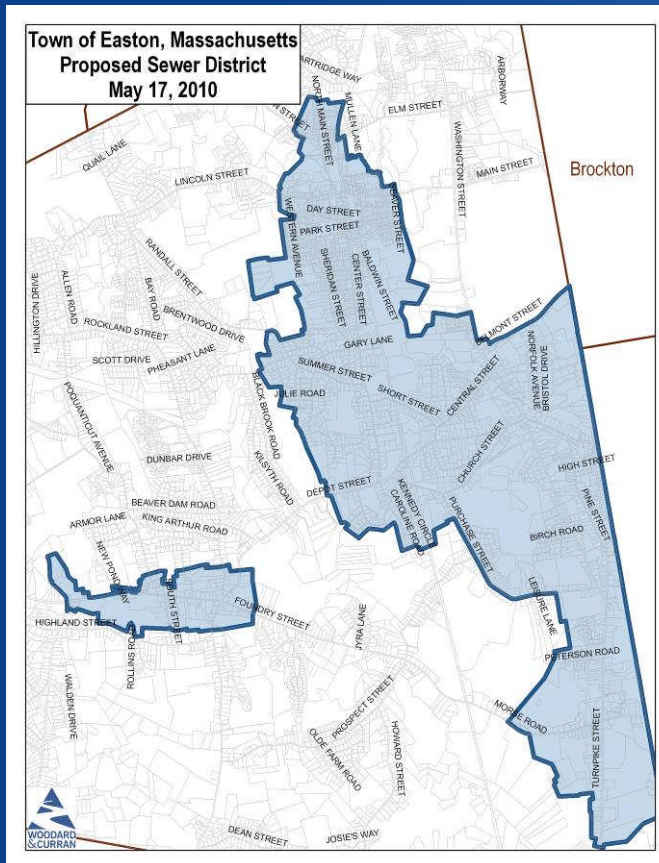
October 7, 2010

Easton's Wastewater History

- **1970's** – Region wide plan
- **1999** – Wastewater Study Committee created
- **2001** – Regional Wastewater Forum held
- **2003** – Draft CWMP finalized
- **2004** – Easton renews regional talks
- **2010** – Special Town Meeting approves Shovel Shop WWTP
- **2010** – Annual Town Meeting approves CWMP and sewer design articles
- **Today** – Town wide and North Easton Village efforts underway



Easton Sewer District



- Sewer District includes priority Wastewater Needs Areas
- North Easton Village ranked the highest Need area
- Areas included in the 20-year town-wide plan

Town Wide Solutions

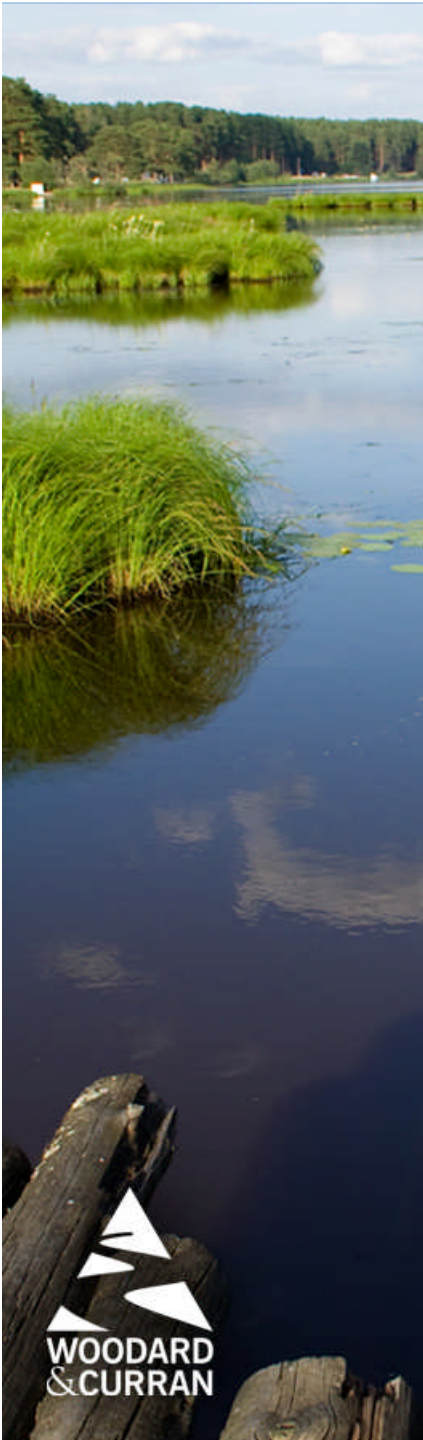
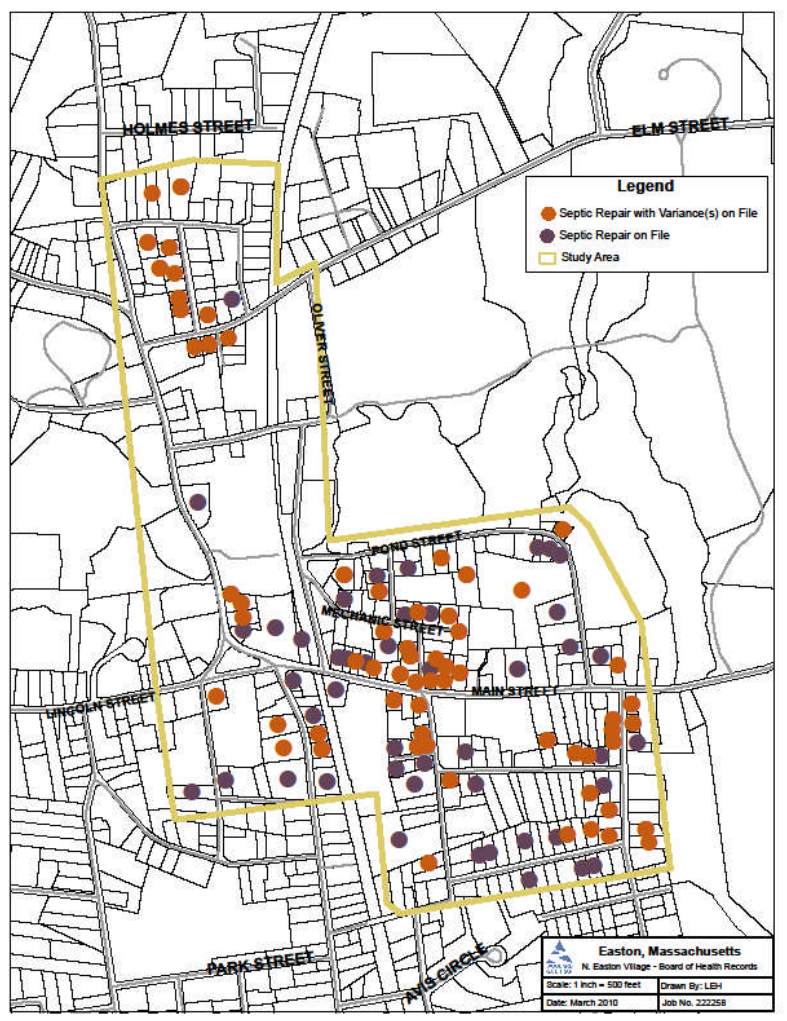
- Regional
 - ✓ Brockton
 - ✓ Taunton River Watershed
 - ✓ Mansfield-Foxborough-Norton
- In-town
 - ✓ Public Private Partnerships
 - ✓ Additional groundwater recharge sites



WWTP & Collection System Design

- Proposed Wastewater Treatment Plant
 - ✓ Will service Shovel Shop development and a portion of North Easton Village
 - ✓ Proposed Capacity = 50,000 gpd
- Collection system for North Easton Village
 - ✓ First step of sewer plan
 - ✓ Begin to serve businesses and village area

North Easton Village Septic Failures\Variances

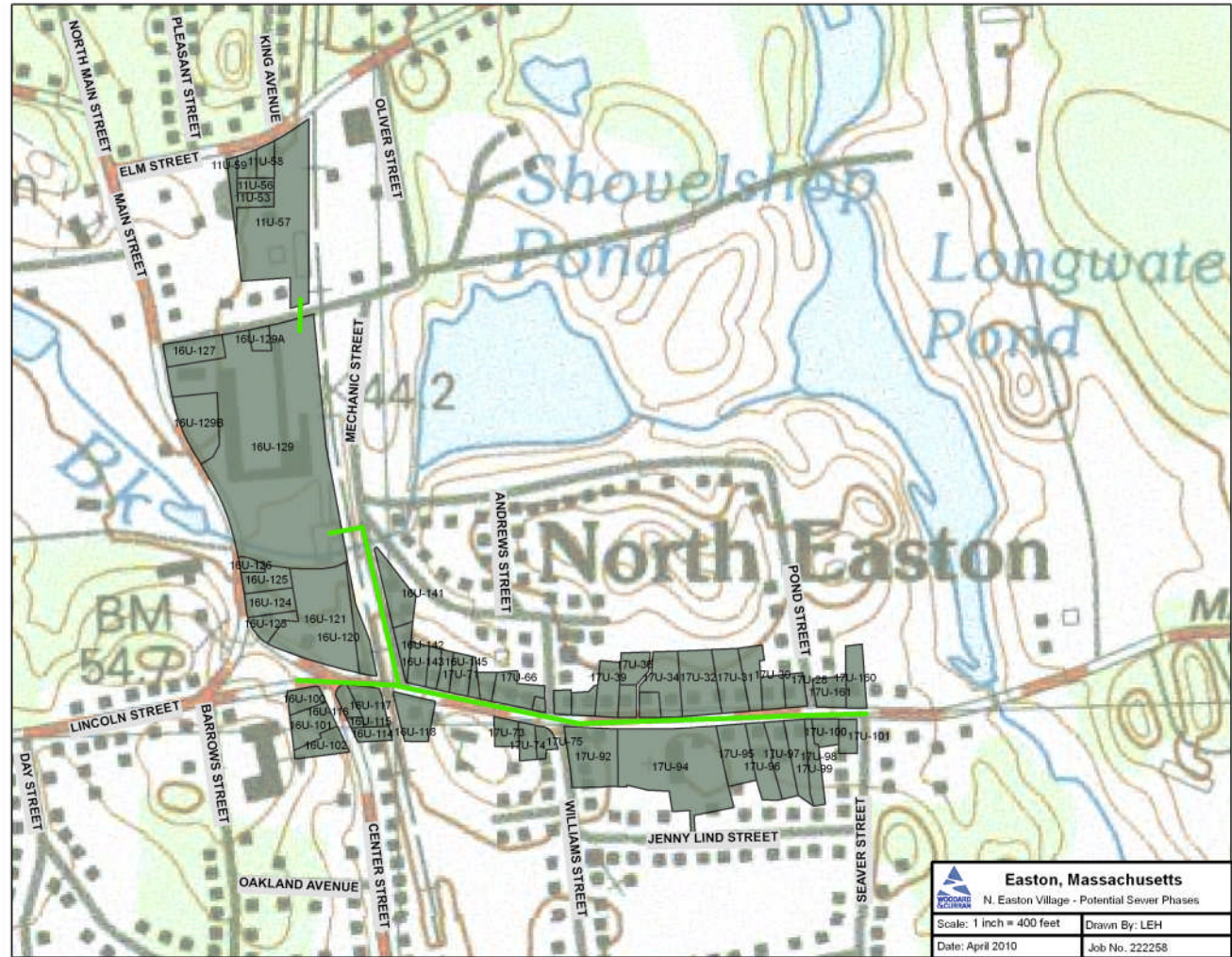




Executive Order 385

- Establishes guidelines for the construction of infrastructure in a way that balances the potential for growth
- Dual objectives of resource protection and sustainable development
- Recommends proactive planning, interagency coordination, and assistance to interested private parties
- Promotes “infrastructure development designed to minimize the adverse environmental impact of economic activity”

Collection System Alternative #1

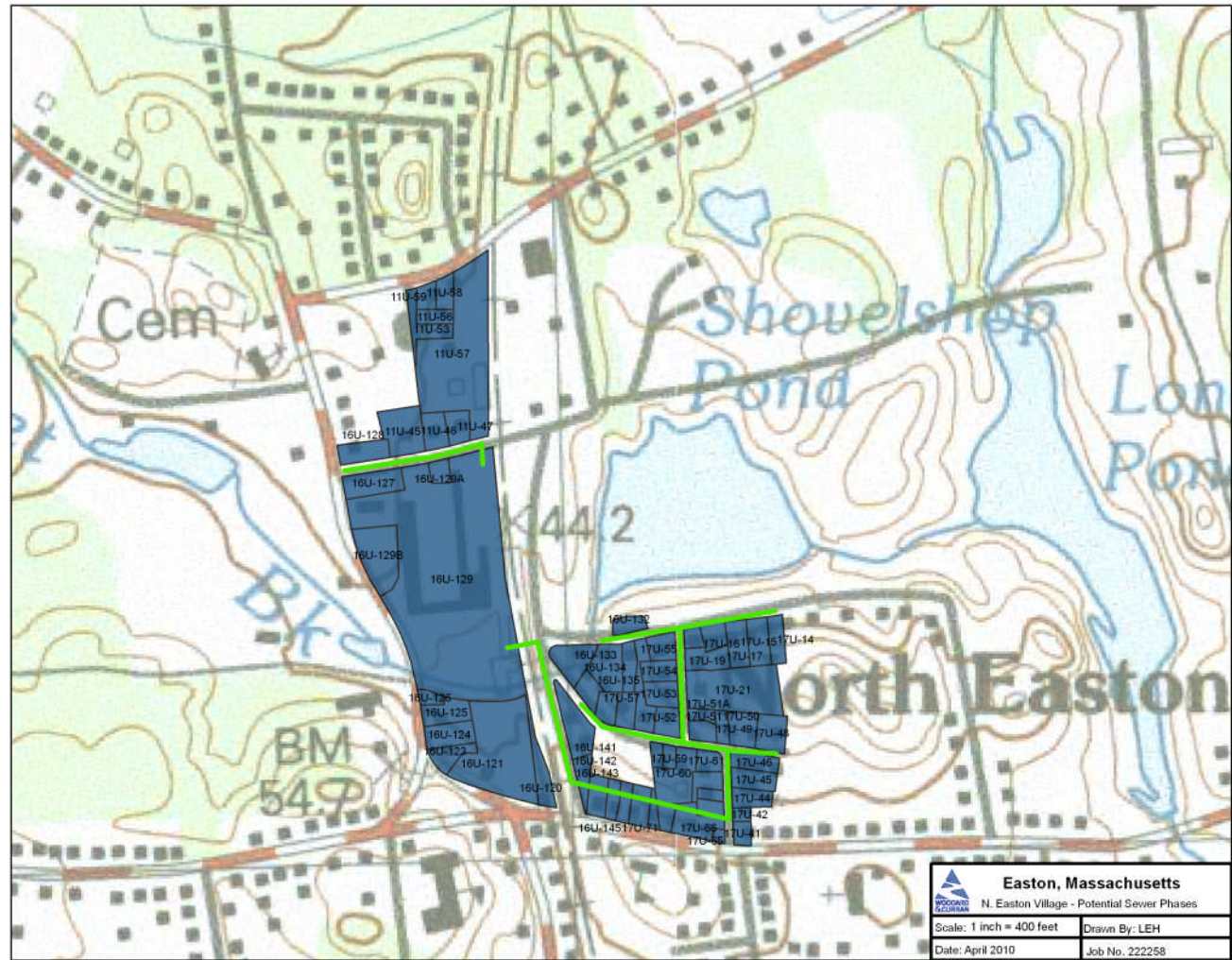




Collection System Alternative #1

- 55 – 65 Parcels Served
- Advantages:
 - ✓ Will serve a mix of residential and commercial parcels
 - ✓ Focuses on all the businesses
- Disadvantages:
 - ✓ May encounter ledge
 - ✓ Will require two pumping stations
 - ✓ Deeper excavation required on Main St.
 - ✓ May require changes to plumbing

Collection System Alternative #2





Collection System Alternative #2

- 60 – 70 Parcels Served
- Advantages:
 - ✓ Less expensive construction costs
 - ✓ Main St. businesses discharge to the back
 - ✓ Fewer traffic impacts
 - ✓ Provides service to Shovel Shop and YMCA
 - ✓ Picks up more clustered variances
- Disadvantages:
 - ✓ Does not served all Main Street businesses



Cost Categories for Property Owners

- Betterment cost – financed for 20 (or more) years at a low interest rate.
- Private property costs to connect to sewer main in street.
- Connection fee – a one-time fee to the sewer authority.
- User fees – quarterly fees for use of the system. Similar to quarterly water bill. Based on a percentage of water use.

What is a Betterment?

- A proportional fee assessed to each parcel that benefits from the project
- “Public” project costs (design and construction) are paid through betterments over 20 years
- The cost of “bettering” the property
- Governed by Mass General law

Private Property Costs

- Connect to sewer main (i.e., sewer service)
- Re-piping of plumbing inside the house
- Crushing and abandoning of existing septic tank
- Landscaping & site restoration

Additional Betterment Information

- Target betterment cost:
 - ✓ At 4% interest over 20 years = \$1,000-\$1,300 annually
 - ✓ \$18,000 – \$22,000 total
- Deferrals allowed under Massachusetts General law
- Betterment not assessed until the end of the project; included with tax bill

Current Schedule

Town Wide

- CWMP updates – Fall 2010
- Notice of Project Change – Fall 2010
- Phase III CWMP finalized – Summer 2011
- Phase IV CWMP finalized – Winter 2011
- Finalize MEPA – get approved plan – Summer 2011

North Easton Village

- Phase I Waiver filed – Fall 2010
- Design WWTP – Fall 2010
- Design Collection System – Winter 2011
- Bid WWTP – Summer 2011
- Bid Collection system – Fall 2011
- Open WWTP – Summer 2012



Next Steps

- Reach out to Selectmen
- October 18th Board of Selectmen's Meeting
- October 26 Public Meeting
- November 1 Selectmen's Vote



Questions

Proposed WWTP Exterior View

