



Future Sewering of the Five Corners Area

*Board of Selectmen's Meeting,
Town Hall, 136 Elm Street
January 5, 2015*



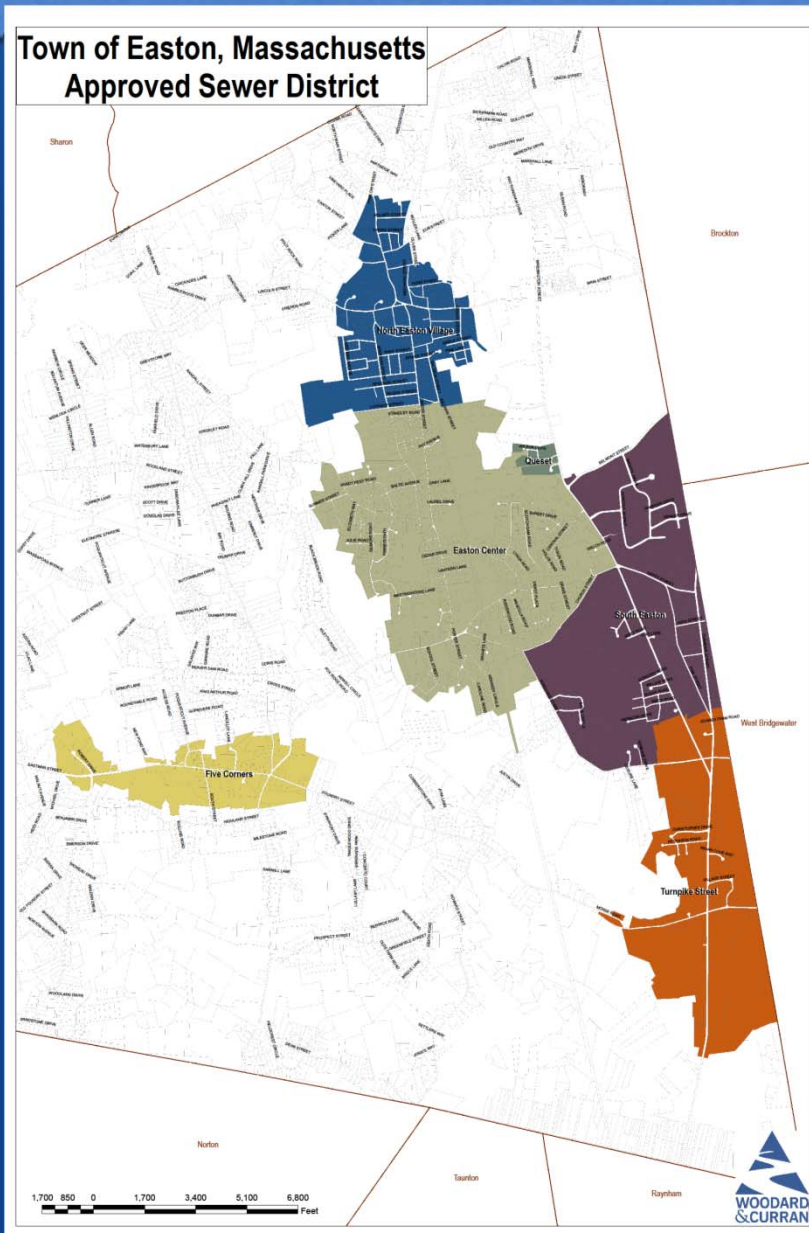
Agenda

- Easton Five Corners Area
 - Priority Sewer “Needs Area”
 - Economic Development Potential
- Possible Timeline
- Financial Matters
- Concept Schedule
- Public Outreach Program
- Questions & Discussion

Goal:

To introduce the key factors to be considered at this Conceptual Stage. To start the discussion about sewers in Five Corners.

Easton Sewer District



Priority Sewer Needs Areas

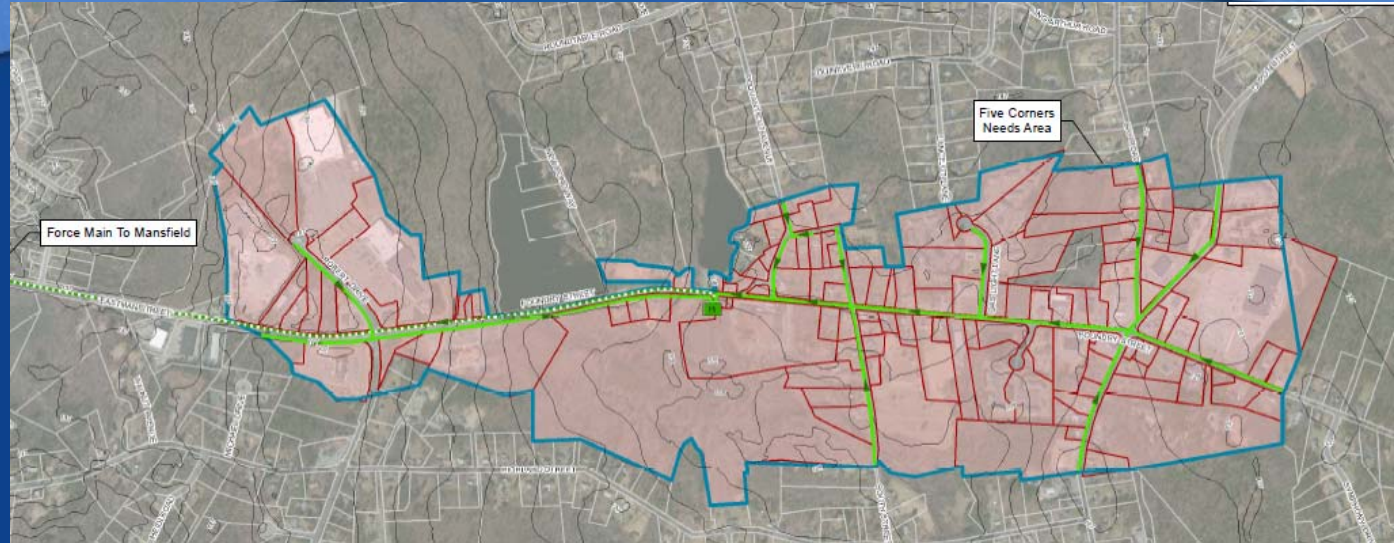
from CWMP

Area	Total Average Daily Flow	Parcels
Easton Center	286,000 gpd	980±
North Easton	171,000 gpd	850±
South Easton	298,000 gpd	720±
Turnpike Street	256,000 gpd	740±
Five Corners	121,000 gpd	195±

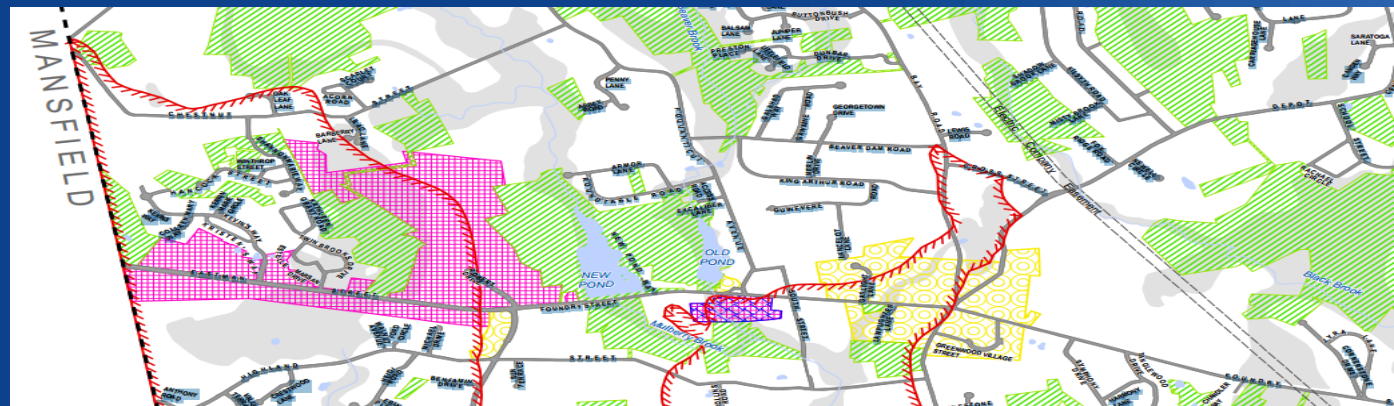
Five Corners Data:

- Almost 200 parcels reviewed
- 102 parcel with BOH records in 2009
- 5 parcels more than one pump out per year
- 10 properties with upgraded soil absorption system
- 2 properties with a failed system


Five Corners Area for Discussion



CWMP “Needs Area” is driven by wastewater challenges.



Final choice for sewered parcels may include Economic Development opportunities



Timeline - Historic

- 2004 – Easton’s Project Evaluation Report for Sewers is completed (initial steps in CWMP process);
- 2008 - Easton expresses interest in purchasing 100,000 gpd of sewer capacity from Mansfield;
- 2008 - Mansfield acknowledges interest and includes Easton’s needs in their Regional Planning;
- 2010 - Easton votes a Sewer District based on Priority Needs Areas, including Five Corners;
- 2013 Easton finalized CWMP including Alternatives for Five Corners Needs Area, increases interest to 165,000 gpd
- 2014 Mansfield / Foxboro / Norton Regional District is created and Mansfield earmarks 165,000 gpd of flow for Easton in phases



Timeline – Concept for Moving Forward

2015: Planning, public outreach, & Intermunicipal agreement framework

2016: Public outreach and execute funding strategy while applying for grants and loans

2017: Public outreach, design and permitting

2018-19: Public bidding & construction

2020: Parcel connections begin and flow to Mansfield sewer commences.

Annual Town Meeting Approvals will be necessary at many points along the way.

Financial Matters

Easton Cost Categories & Considerations

- Public Sewers in Easton
- Connection / Buy-in Cost to Mansfield
- Sewers in Mansfield to physically connect
- Capital / Buy-in Cost Allocation (Betterments)
- Available Grants & Loans
- Possible Public-Private Partnerships
- Timeline for Payments & Cashflow
- Future Sewer User Charges



Financial Matters

Conceptual Cost Ranges for Sewers

- Easton public sewers: \$8-10M
- Buy-in Cost for Mansfield: \$6-7M
- Pipes in Mansfield for connection: \$1-2M

Public Outreach Goals

Expand on the NEV Outreach Program

- Public Meetings and Hearings
- Letter Communication
- Public Workshops
- Social Media
- Stream Lined Web Page



Questions & Discussion

M/F/N Sewer District Flow Allocation

Town	Existing Sewer Flow (ADF)	Expanded Capacity & Upgrades System (ADF)
Foxborough	0.65M gpd	0.75M gpd
Norton	0.50M gpd	0.75M gpd
Mansfield	2.00M gpd	2.65M gpd
	3.15M gpd	4.15M gpd±

Mansfield's 0.650M gpd Increase includes Easton

- 0.500M gpd for Mansfield = 75% of expansion cost
- 0.165M gpd for Easton = 25% of expansion cost

Financial Matters

M/F/N WWTF Conceptual Capital Costs are \$33M and includes;

- Expansion Design & Permitting
- Expansion Construction
- Land Acquisition & Annual Payments to Norton where facility and groundwater recharge areas are located