Wastewater Planning Task Force
Public Outreach Meeting
August 26, 2008

Presented by:
Chris Whelan, Town Manager
Kent Nichols, Weston & Sampson
Laurie Toscano, Weston & Sampson
Wastewater Planning Task Force

**Background:**

- Integration of the CWMP (wastewater) and CLRP/PPP (land use/development).

- Development of “The Status of Wastewater in Concord, Massachusetts” Document.

- Creation of the Task Force

**Task Force Objectives:**

- Assessment of Land Use Planning Scenarios

- Quantification of Future Wastewater Flows.

- Analysis of Alternatives for Future Wastewater Management Needs.
Goals of Today’s Meeting

- Communicate the Seriousness of the Wastewater Capacity Status.
- Summarize Current and Updated Planning Issues.
- Provide an Opportunity to Give All Interests a Voice to Help Shape this Process.
- Gain Input to Develop the Action Items for Task Force Follow-up.
Wastewater & Planning Integration

Why is there a need for integration?

- **WWTP Capacity Constraints Exist**
  - Wastewater capacity has been consumed as allocated in the CWMP.
  - Flow allowance for infill has been reached faster than anticipated.
  - Future CWMP Phase commitments have been made.
  - Inflow & Infiltration removal allocated.

- **CLRIP/PPP Initiatives are becoming a Priority**
  - Need for Affordable Housing.
  - Goal to Develop Village Overlay Districts.
  - Smart Growth Initiatives.

- **Implementation of Each of the Plans Depends on Integration**

- **Desire to be Pro-active**
Wastewater Summary

- **Current Wastewater Flows** – 1.097 MGD
- **Anticipated Future Flows**
  - Committed Flows to Existing Residential Needs, as Defined in the CWMP.
  - Infill Development Flow, Above Allocation in the CWMP.
  - No Allocation for Additional Development (CLRP/PPP)
- **Sewered Area Not Proposed to Extend Beyond CWMP**
- **Limitations**
  - WWTP Permitted Discharge Capacity
  - WWTP Treatment Capacity
  - Sewer System Capacity
Land Use Planning Summary

Current Land Use Planning Initiatives:

- Village Center Areas
  - Concord Center
  - Thoreau/Depot Area
  - West Concord

- West Concord Area Development Scenario Analysis

- Other Areas outside the Village Center Study

- Wastewater Flow Projections
Wastewater Alternatives

No Build Alternative

- Does Not Translate to ‘No Action’ or ‘No Growth’
- On-site Wastewater Treatment/Disposal of Flow Increases

Possible Consequences:

- Sewer Moratorium
- Administrative Consent Order
- Legal Challenge/Hostile Development
- Sewer Overflow

Inability for the Town to Support:

- Economic Development
- Institutional and Regional Facilities
- State Mandated Affordable Housing
- Residential Expansion
Wastewater Alternatives

- Increase NPDES Discharge Permit Allowance for Existing WWTP
- Supplemental Groundwater Discharge with Treatment at Existing WWTP
- Build New Neighborhood Wastewater Treatment System(s)
- Build New Town WWTP with GWD
- Partner with Private Development to Serve Municipal Needs
- Seek Regional Partnerships
Process for Continuing Integration

- Further Develop and Evaluate the Wastewater Management Alternatives.
- Develop Recommendations and Document the Findings.
- Present the Integrated Plan to Town Meeting.
Discussion
and
Audience Input