

Wastewater Planning Task Force Public Outreach Meeting August 26, 2008



Presented by:

Chris Whelan, Town Manager

Kent Nichols, Weston & Sampson

Laurie Toscano, Weston & Sampson



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.



Weston&Sampson.

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.

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

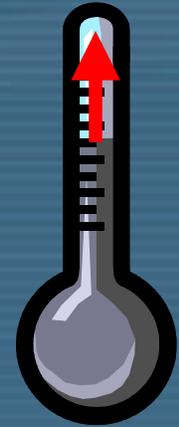
- **Implementation of Each of the Plans Depends on Integration**

- **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**



Weston&Sampson.

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



Weston & Sampson

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

- **Solicit Public Input on Future Development by September 30, 2008.**
- **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