



Woodridge Lake Sewer District

Special Meeting

December 18, 2010

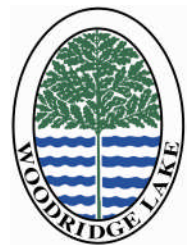
Approval of Expenditure

WLSD Facilities Plan Update



Presentation Outline

- Where are we with DEP?
- What are our alternatives?
- Why do we need a Facilities Plan Update?
- What's in the Scope of Work?
- What's the cost and who pays for it?
- What happens next?





Regulatory Status

- WLSD operates under a DEP groundwater discharge permit
- 1989 DEP Consent Order:
 - Full groundwater disposal
- DEP in letters and meetings since indicates:
 - WLSD not meeting conditions
 - Needs to take action to remedy situation
 - Nutrient removal will be required





DEP Authority

- DEP has right by statute & regulation to:
 - Issue water quality standards
 - Issue wastewater disposal permits
- DEP has designated our watershed as Class “AA”
- DEP has indicated no new surface water discharges
- DEP wants WLSD to take action to:
 - Upgrade treatment & disposal to DEP specs, or
 - Pipe wastewater to Torrington for treatment



Current DEP Position on Groundwater Disposal

- 21 day travel time & no re-emergence
- 3 foot unsaturated separation
- No increase in permitted flow
- Improved nutrient removal
- “Best Available Technology”





Current WLSD Position

- No visible evidence of emerging groundwater
- Alternative ground disposal approaches viable
- “Grandfathered” discharge similar to Litchfield
- Redefine permitted flow measurements
- May request legislative help



WLSD and Consultants to Examine 3 Alternatives

- Existing plant with groundwater recharge
- Upgraded plant with groundwater recharge
- Pipeline to Torrington WPCF



Alternative of “Doing Nothing”

- DEP has authority for water quality and permitting
- DEP can refer to Attorney General for enforcement
- Civil penalties of up to \$25,000 per day per violation are possible
- EPA can also impose fines



Why do we need an Updated Facilities Plan?

- Work with DEP to develop lower cost alternatives
- Identify system improvements that are warranted
- Determine overall life-cycle costs of alternatives
- Remedy Inflow & Infiltration problems
- Determine & select the best long-term solution
- Board and Planning Committee have approved





What's in the Scope of Work?

- Project Management - \$15K
- Meetings and Coordination - \$44K
- Define service area, flows, and loadings - \$33K
- Collection System I&I Remediation - \$194K
- Collection System Data Management - \$27K
- Groundwater Disposal System - \$98K



What's in the Scope of Work?

- Treatment Facility Evaluation - \$44K
- Torrington Alternative Evaluation - \$38K
- Financial Evaluation - \$18K
- Public Meetings Support - \$37K
- Finalize Facilities Plan – \$15K



What's the Cost and Who Pays?



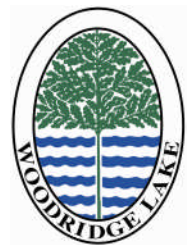
- Total cost of Plan Update is \$563,000
- Can't ask DEP for more money after initial award
- Control costs, come in under budget
- CT Clean Water Fund pays \$309,650 (55%)
- WLSD pays \$253,350 (45%)
- WLSD has capital reserves to cover cost



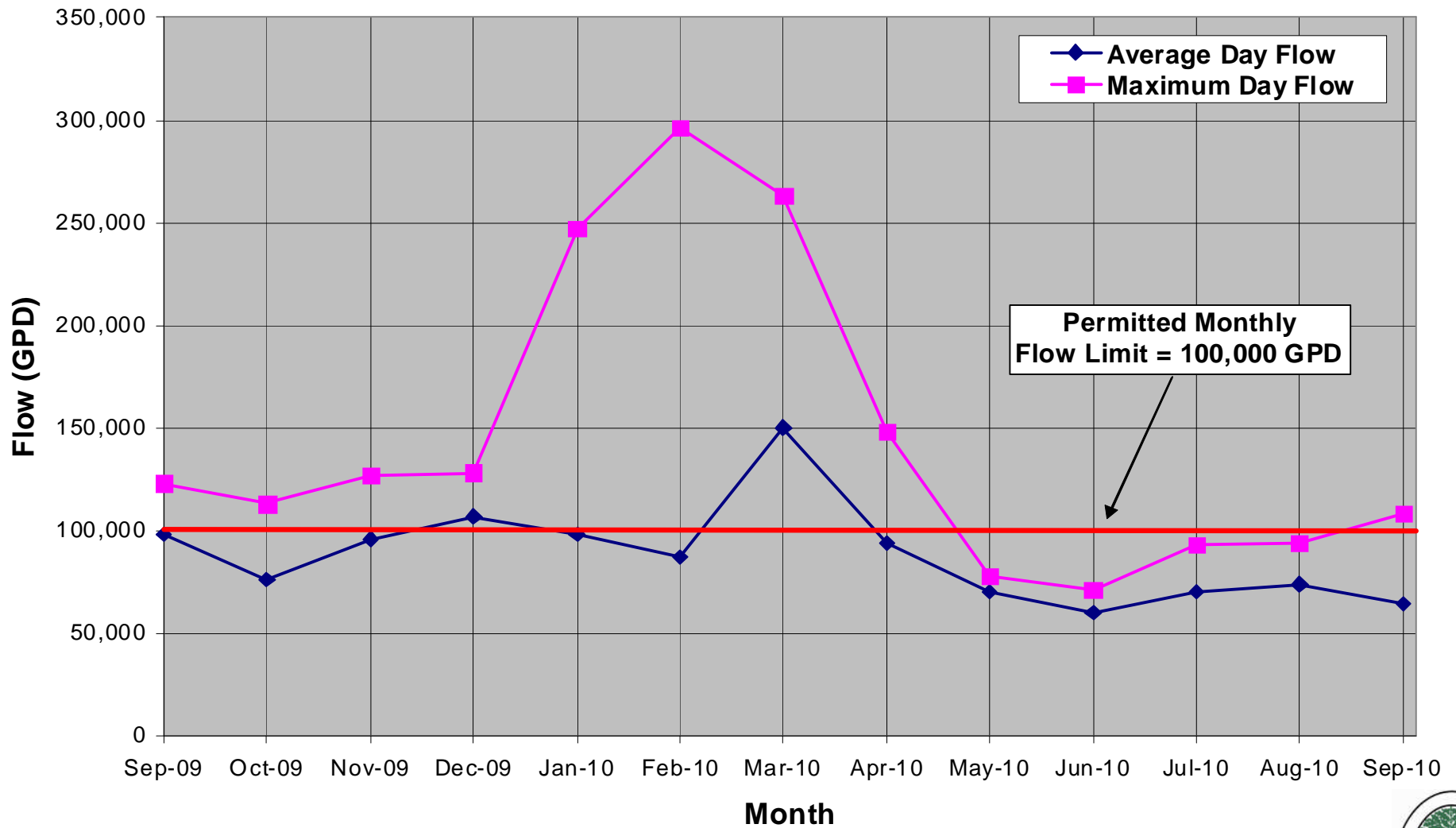


What Happens Next?

- Approval from Taxpayers
- Submit application for 55% grant to DEP
- DEP likely to approve in January/February
- Extensive work by consultants – Feb-June
- Seek legislative and legal support
- Progress reports posted on website
- Meet again in April/May



WLSD Average Day and Maximum Day Flows





Questions?