
Bond Vote Informational Meeting
for Proposed Comprehensive Public
Water System Improvements

August 5 and August 23, 2010

The Problems

- Why are these improvements necessary?
 - The System does not comply with certain requirements of the Federal Safe Drinking Water Act and applicable state statutes and rules.
 - Chlorine Disinfection Byproducts in the drinking water have exceeded federal maximum contaminant levels since 2006.
 - Unable to maintain adequate water pressure throughout the distribution system, especially during high flow situations like fire fighting.
 - Currently operate under a Temporary Permit, which expires on December 1, 2012. We must take action - doing nothing is not an option.
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Process for Developing Solutions

■ Technical Considerations:

- Two technically feasible options considered:
 - 1) hybrid surface water/groundwater system and
 - 2) groundwater only system
 - Worked with engineers, Pittsford Board of Water Commissioners, and state regulators to develop technical options and associated costs.
 - Proposed project is the result of a cooperative municipal effort.
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Process for Developing Solutions

■ Financial Considerations:

- ❑ State and Federal funding programs were compared to lessen cost as much as possible to the users.
 - ❑ Alternate funding sources were explored.
 - ❑ Board is committed to securing funding through a source that will result in the lowest user cost.
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Process for Developing Solutions

- Legal Considerations:

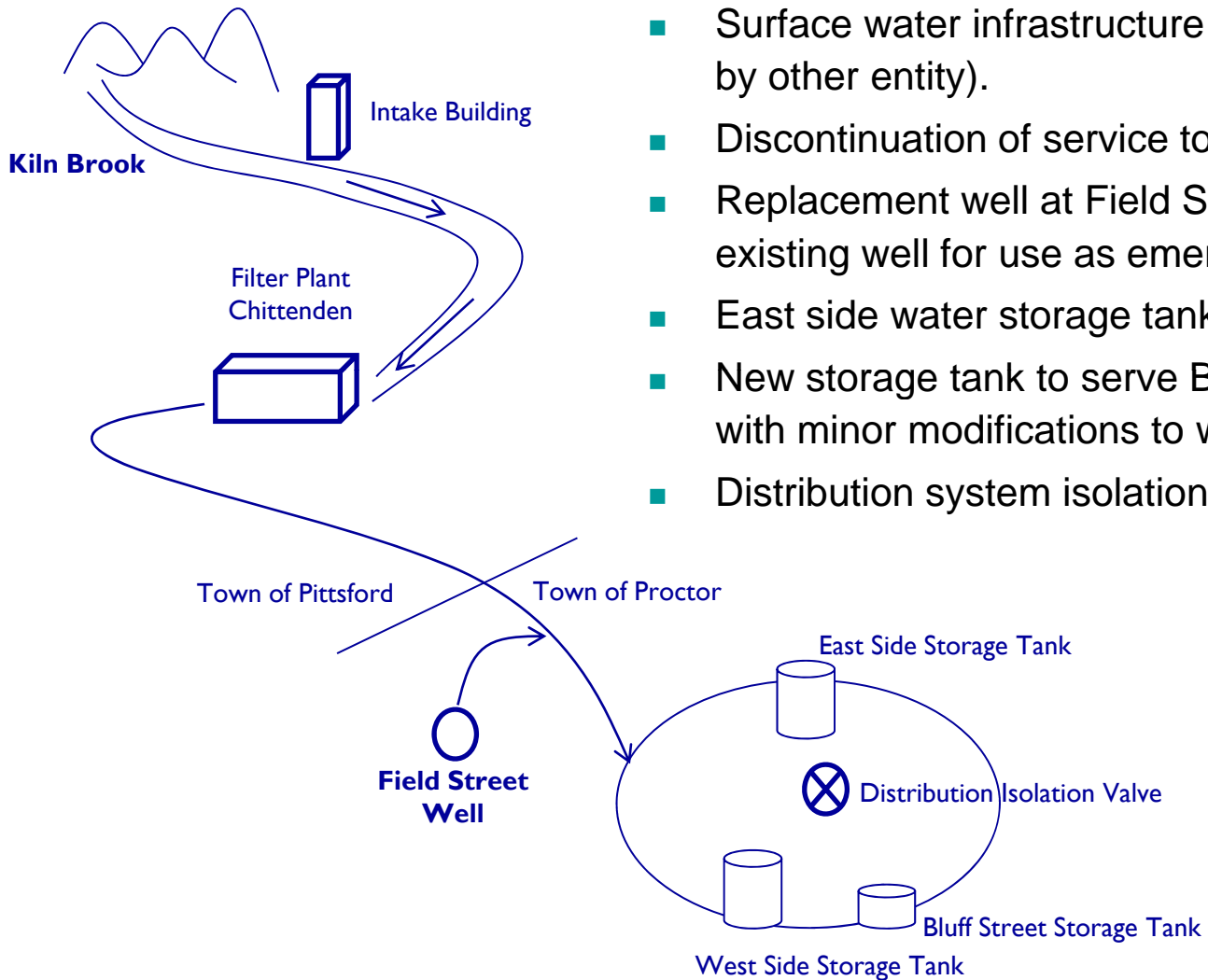
- Timely compliance with regulatory deadline.
 - Technical compliance with state Water Supply Rule.
 - Fairness to all customers, but
24 VSA §3410 allows municipalities to terminate utilities outside of municipal limits upon finding of “public good and necessity”.
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The Proposed Improvements

- Comprehensive, long-term solution for provision of safe and reliable public drinking water.
- Transition to a groundwater source to address chlorine disinfection byproducts problem.
- Improvements to water storage and distribution system piping to address system pressure problems.



Specific Project Elements



- Surface water infrastructure abandonment (or reuse by other entity).
- Discontinuation of service to outer district customers.
- Replacement well at Field Street and modifications to existing well for use as emergency back-up.
- East side water storage tank replacement.
- New storage tank to serve Bluff Street neighborhood, with minor modifications to west side storage tank.
- Distribution system isolation valve.
- Pipe improvements.
- System-wide metering and backflow prevention.
- New controls and coordination systems (SCADA).

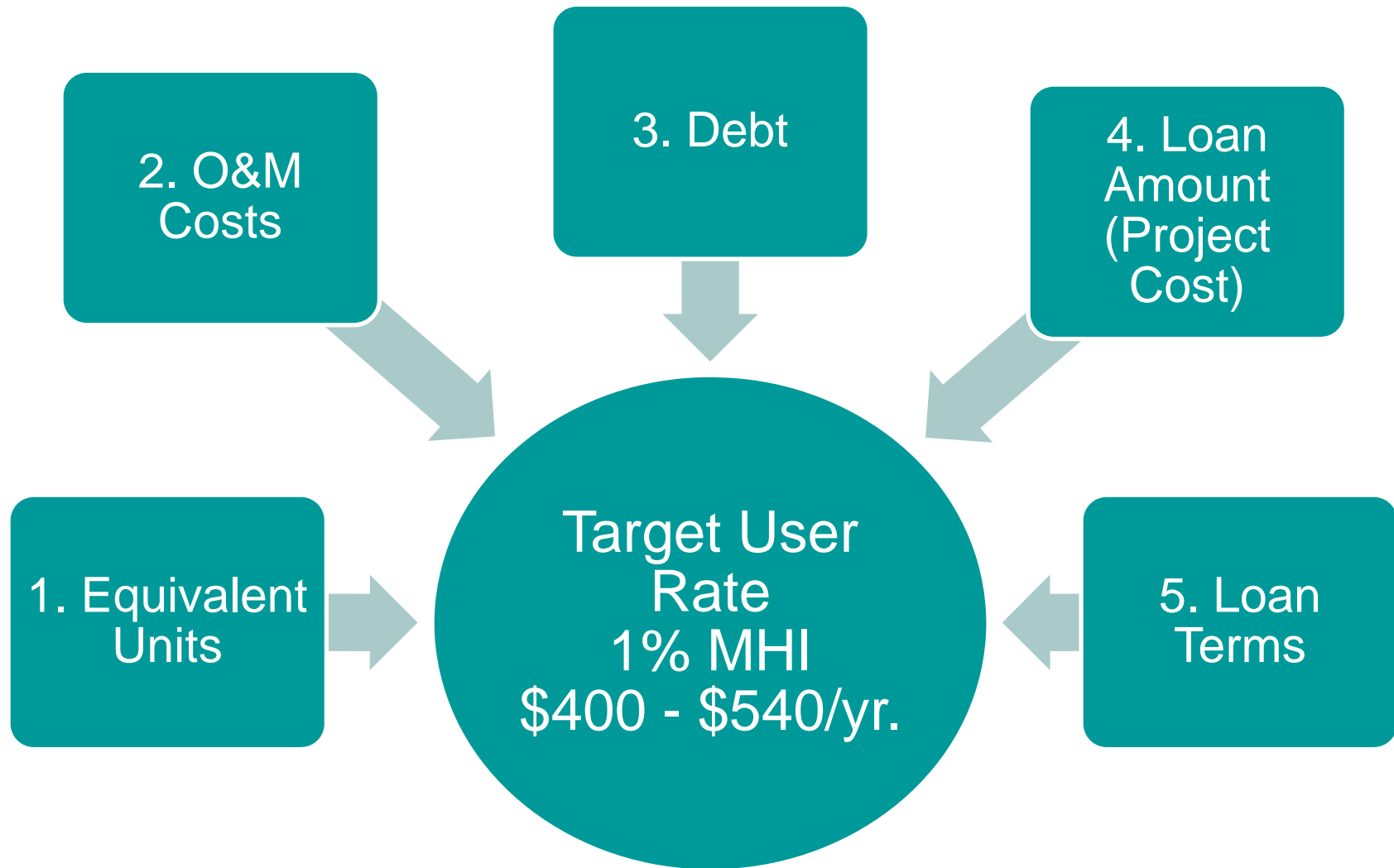
Estimated Project Costs

- What is this project going to cost?
 - Estimated Total Project Cost \$6,414,777
 - Local Share \$ 250,000
 - Bonded Amount \$6,164,777
 - Estimated Grant Award \$2,712,502
 - Estimated Loan Amount \$3,452,275
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Bond Authorization – A Positive Vote

- Bond authorization, or a positive bond vote, is **NOT** a commitment to spend.
 - Bond authorization only enables the Board to demonstrate to potential funding agencies that they have voter approval to spend up to a specific amount.
 - Bond authorization must be obtained to continue financial negotiations.
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Estimated User Rates



Next Steps

Task	Timeframe
Pass bond	August 2010
Issue outer district disconnection notice	September 2010
Secure financing	October 2010
Bid project	February 2011
Field Street Well and Pipe Replacement	2011
Storage Tank Replacement and Isolation Valve	2012
Disconnect outer district service area	By end of 2012
Meters, Pipe Replacement, Surface Water Abandonment, East Tank Demolition	2013

Questions?
