

Wenatchee Water System

2008 Comprehensive Water System Plan

April 6, 2009



CHELAN COUNTY

www.chelanpud.org

Today's Presentation

- Information sharing
- Reason for update
- Components of the Plan
- Next steps



CHELAN COUNTY

www.chelanpud.org

Why was this planning update necessary?

- Chapter 246-290 WAC Group A Public Water Systems requires a planning update every six years for systems with over 1,000 connections.
- Plan must be submitted to, reviewed by and ultimately approved by the Washington State Department of Health
- Applicable to Wenatchee system only



CHELAN COUNTY

www.chelanpud.org

Major components of a water system plan

- Description of water system
- Basic planning data and water demand forecasting
- System analysis
- Water use efficiency program
- Source water protection
- Operation & maintenance program
- Distribution facilities design and construction standards
- Improvement program
- Financial program
- Supporting documentation



CHELAN COUNTY

www.chelanpud.org

Water System Statistics

- 26 pressure zones
- 25 storage reservoirs totaling 6.6 million gallons
- 16 booster pump stations
- 17 pressure reducing stations
- 160 miles water main
- 5,300 service connections



CHELAN COUNTY

www.chelanpud.org

Analysis of System Components

- Booster pump stations
- Storage reservoirs
- Distribution system



CHELAN COUNTY

www.chelanpud.org

6-Year Improvement Program

- **Booster pump stations**
 - In progress - 2 projects totaling \$0.3 million
 - Planned - 2 projects totaling \$0.2 million
- **Storage reservoirs**
 - In progress – 2 projects totaling \$5.1 million
 - Planned - 3 projects totaling \$3.4 million
- **Distribution system**
 - In Progress – 5 projects totaling \$1.3 million
 - Planned – Replacements totaling \$6.5 million
- **Security**
 - In progress - 1 project totaling \$0.15 million



CHELAN COUNTY

www.chelanpud.org

Financial Program

- Revenues include
 - Rates
 - Fees & charges
- Capital funding sources
 - Grants
 - Low interest loans
 - District cash



CHELAN COUNTY

www.chelanpud.org

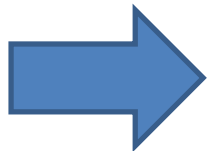
Next Steps

Today's
presentation



April
6th

Legal
advertisement



April
12th

Public hearing
& resolution



May 4th

Submit
documentation
to DOH



May
5th

Receive DOH
approval of Plan



Mid-2009



CHELAN COUNTY

www.chelanpud.org