

2008 Water System Report Agenda

- Water Committee
 - Water Quality
 - System Availability
 - System Maintenance
 - 2008 Planning
 - Reservoir
 - The Dept of Health Water Use Efficiency Rules
 - Vault/Distribution Upgrades
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2008 Water System Report

Water Committee

- Core Committee Members

- Keith Renfrew
- Rod Case
- Terry Deschenes
- Marty Johnson
- Evan Lurton (Chairman)

- DoH Licensed Operator

- Ellen Winningham, EMCNW

2008 Water System Report

Water Quality

- 2007 DoH Required Testing
 - Monthly bacteriological – **All Passed**
 - Nitrates & Nitrites – **Pass**
 - Inorganic Compounds – **Pass**
 - Tests for heavy metals, turbidity, hardness, and other compounds

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System Availability

- One planned outage for well site upgrades during 2007
- No unplanned outages during 2007

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System Maintenance

Well Site Maintenance

- Source meter installed and plumbing maintenance completed (thanks to Ashley Saunders for all his help!!)
- 2500gal back-up tank purchased for emergency use
- Well site access road cleared and gravel laid (thanks to John Olson for his assistance!!)

General Maintenance

- One leaking street valve replaced

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2008 Planning

DoH Water Use Efficiency Program

- Many Class A water systems leak, in distribution, >20% of what is pumped out of the ground
- Installation and monitoring mandated by the State's new Water Use Efficiency regulations
- DoH now requires source and service meters, and a plan for monitoring and reducing system leakage to less than 10%
- We are required to set water use efficiency goals
 - Our plan is to incorporate service meters as part of a general water vault upgrade
 - DoH allows incorporation over a ten year period
 - Show reduction in distribution leakage
 - Show reduction in general water usage through conservation



2008 Water System Report

2008 Planning

- **Service Vault Upgrade**
 - In conjunction with the mandatory service meter installation, we will be upgrading all service vaults
 - Larger, lockable poly box
 - Bronze ¼-turn ball valves
 - Service meter
 - Two vaults to be upgraded in 2008 for evaluation
 - Approx seven vaults per year upgraded thereafter
 - Program to be completed by 2017
 - Water dues increase requested to offset costs
 - **Reservoir Roof Maintenance**
 - Reservoir roof to be replaced
 - Ventilation, security, & level control to be improved
 - **Distribution Upgrades**
 - Installation of blow-outs at line terminations
 - Eliminate unused portions of distribution
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