

Water Lines

News from the water/wastewater department

2003 In Review

KPUD's Water/Wastewater Department completed four water and sewer improvement projects in 2003, and is currently working on seven other projects. More than \$8 million in grant and loan money has been received or approved to fund these projects.

Completed Projects

Wishram Wastewater Plant—In September of 2003, the Wishram Wastewater Facilities Improvement Project was completed. The project was funded by a Department of Ecology (DOE) 60/40 percent grant/loan package from the state revolving fund, and the Centennial Clean Water Fund grant. Gray & Osborne Consulting Engineers conducted project management. Plant operation is proceeding according to plan.

Source Metering Project—New source meters have been installed on all KPUD water systems, with the exception of Glenwood. Installation of the Glenwood System's source meter will be included as part of the Glenwood chlorine station installation in 2004. Source meters allow KPUD to monitor the amount of source water being pumped out of the wells or springs into the system. A reading of the residential meters is compared to the reading taken on the source meter to determine water losses—water not accounted for. The DOE funded this project.

Klickitat Water Treatment Plant—In December of 2002, the upgrade of the Klickitat Water Treatment Plant was completed. This project was funded by the Environmental Protection Agency (EPA) and Klickitat County. Water quality has significantly improved using the new ATEC treatment facility. KPUD is monitoring the quality and quantity of the water to determine whether to proceed with the remainder of the project, which involves digging new wells and installing transmission lines. This grant expires in May of 2004.

Klickitat Wastewater Phase 1—In November of 2003, Phase 1 of the Klickitat Wastewater Facilities Improvement Project was completed. Phase 1 was funded by CDBG, USFS Pacific NW Assistance, the Old Growth Diversification Fund and the Rural Opportunity Fund.

Glenwood Stream Bank Restoration Project—In November of 2003, KPUD completed restoration of the stream bank erosion along Bird Creek. The project was needed to prevent stream bank erosion from encroaching on the Glenwood Water System Reservoir.

Ongoing Projects

Lyle Wastewater Treatment Plant Construction—In December of 2003, the county board approved a \$1 million CDBG Community Investment Fund Grant Pre-Application to fund part of the construction costs on the Lyle Wastewater Treatment Plant. In conjunction with the \$1 million in CDBG funds, KPUD also has a preliminary funding offer in place from the DOE grant/loan funding package. This offer is contingent upon KPUD being awarded the FY 2003 CDBG CIF \$1 million grant.

Ponderosa New Source Project—In May of 2003, KPUD received notice from the Department of Health that the Ponderosa Water System would be receiving a "RED" operating permit on the Ponderosa Water System due to lack of water supply for the number of connections. The KPUD Board of Commissioners subsequently ordered a connection moratorium on the system, and authorized a planning and design report to evaluate alternatives and identify optimum improvements for this system.

In September of 2003, the Department of Health agreed to rescind the "RED" operation permit, and issue a "YELLOW" permit, because KPUD had submitted its water system plan showing the utility intended to take steps to resolve supply problems. The PWTF Loan Agreement was signed in October, and the KPUD Board authorized engineer John Grim to proceed with planning and design.

Klickitat Wastewater New Scope of Work—In September of 2003, the county board approved an application for a \$24,000 Community Development Planning-Only Block Grant for the new scope of work on the Klickitat Wastewater Facilities Improvement Project. The new scope will include researching more cost-effective alternatives for wastewater treatment for the residents of Klickitat. The county signed the final grant contract in November, and KPUD gave consulting engineers Gray & Osborne the notice to proceed on November 19.

Glenwood Wastewater System NPDES Violation—In the spring of 2003, the EPA notified KPUD that the Glenwood Wastewater Plant was in violation of its National Pollutant Discharge Elimination System (NPDES) Permit. KPUD has contracted consulting engineer John Grim to research alternatives and solutions to the NPDES violation. ■