

MUKILTEO WATER AND WASTEWATER DISTRICT

Founded 1920

Summer—Fall 2011

MUKILTEO PIPELINE



Supply Diversity Secured

By: Rick Matthews

Historically the Mukilteo Water and Wastewater District (MWWD) purchased all of its water from the City of Everett (COE). The connection points between the two utilities are located in the Northerly and Easterly boundaries of MWWD. Emergency planning for an uninterrupted water supply and benefits in maintaining water quality led MWWD to negotiate and enter into a Water Supply Agreement with the Alderwood Water and Wastewater District (AWWD).

Two Points of connection with AWWD were planned in the Southerly and Easterly boundaries of the District. The first point of connection, at Harbour Pointe Boulevard, has been completed and is currently in operation. Besides the emergency benefits of a redundant supply, this intertie reduces the transmission requirements across Paine Field, improves water quality and reduces the wholesale cost of water to the District by reducing COE pumping and transmission system costs.

The second point of connection to AWWD is at Beverly Park Road and Paine Field Airport. It is called the Paine Field Booster Station Project. Here the District plans to install transmission main to a booster station located at the base of Reservoir No. 4.

This project will allow the complete filling of the Reservoir, improve water quality by reducing retention time and reduce the wholesale cost of water to the District by reducing COE pumping and transmission system costs. The District is currently working with their Engineering Firm, AWWD, Snohomish County and Paine Field to finalize Plans and Permits. Construction is slated to begin later this year with completion in time for use by next summer's high demand period. ■

Protect Against Cross Connections

By: Jared Alexander

Did you know your irrigation system could potentially contaminate your water system via backpressure or back-siphoning? It's true. It is also state law to install a backflow assembly as protection against that potential and to have it tested annually.

The Mukilteo Water and Wastewater District's Cross Connection Control Program, in conjunction with Washington State Administrative Code 246-290-490 and District Resolution No. A-1548, works to protect the water we deliver to you.

All cross-connections that can not be eliminated shall be controlled by the use of approved backflow assemblies. These assemblies play a very important role in the prevention of the spread of water borne diseases and contamination via other toxic and non-toxic chemicals that could be returned to the water system by backpressure or back-siphoning.

MWWD requires the installation of a Washington State approved Double Check Valve Assembly as protection for an irrigation system without chemical addition.

Please have your Double Check Valve tested every year before you first start irrigating. MWWD has a list of local Certified Backflow Assembly Testers for your convenience. If you do not have a double check valve on your irrigation system, have one installed by a plumber or irrigation specialist, and be sure to have it tested before you begin using it.

If you are filling a swimming pool, spa, or fish pond you are required to have at least an Atmospheric Vacuum Breaker installed on the hose bib closest to the item being filled. These devices protect your drinking water from being contaminated by back-siphoning. They are fairly inexpensive and can be purchased at your local home improvement store. Please contact Jared at 425-355-3355 with any questions. ■



Treatment Plant Upgrades Begin

By: Gil Bridges

Upgrades are needed at the Districts' Wastewater Treatment Facility to protect the aging structures, increase efficiency, and remain in compliance with acceptable testing levels set forth by the State of Washington Department of Ecology.

As part of the Digester Aeration Improvements and Effluent Filter Installation Project, new equipment will be installed at the end of the treatment process to filter the treated water and help increase the water quality that is discharged into Puget Sound.

The District will also install additional equipment in the facility's aerobic digesters. This new, more energy efficient, equipment will provide more oxygen to assist in the breakdown of the processed waste before the liquids are removed in preparation for transporting solids off site. New roofing material will be installed on the laboratory building as well. This project contract has been awarded to Gary Harper Construction Inc., and installation began in mid July.

The treatment plant Headworks Improvements Screening and Grit Removal Project is scheduled to go out for bid once an agreement can be reached with the State Dept. of Ecology for a state revolving fund loan. ■

Emergency Fair A Success

By: Darin Janda

On the 22nd of May the Mukilteo Water and Wastewater District (MWWD) had the honor of being a presenter at the Mukilteo Emergency Preparedness Fair held at the new Rosehill Community Center. Some 3,000 people were reported to have attended the displays, classes, demonstrations, and fire station tour.

District staff spoke on how to check for a leak using your water meter, how to turn off the water supply at the meter in an emergency and the tools needed. Meter box cover samples were also displayed in order to help customers locate their meter before an emergency.

There were hand-outs for safe water storage, emergency sanitation, and leak prevention/detection. Thank you to the many people who were able to stop by our display. For those who couldn't make it, we hope to see you next year.

A special thanks to the City of Mukilteo, the Boy Scouts of America Troop 189, and Mr. John D. Sullivan for coordinating the event and inviting MWWD to participate. ■

Notice Regarding Online Bill Payment

In an effort to serve our ratepayers more efficiently, and to prepare for service innovations, the District has upgraded our payment processing system. We ask our customers to assist us in our efforts to ensure that posting of your payments can be accomplished accurately with the new system. This is especially important when using online payment services.

The system processes payments solely by the customer number. We ask that you confirm the accuracy of the customer number you are providing to your online bill payment service. Your customer number is located on the remittance stub of your billing. You may add zeros in front of the customer number if additional digits are required by your bill payment service.

We have no physical mail receptacle so please ensure your on-line payment service shows our address as P.O. Box 260, Mukilteo WA 98275. ■

Lighting & Security Project Continues

By: Kevin English

Results of a security audit indicated that lighting intensities are below acceptable levels in much of the District's parking lot. Other issues are liability concerns over after hours use and garbage accumulation in the District's parking lot. Temporary measures have been in place with permanent parking lot changes scheduled to be completed this year. The District will install energy efficient low wattage LED lighting, a turn-around driveway for customers to conveniently make payments into our drop box 24 hours a day, and a permanent parking lot security gate. ■

Mukilteo Pipeline is distributed twice yearly and is designed to keep Mukilteo Water and Wastewater District customers up-to-date on water and sewer related issues, projects, and conservation education.

We appreciate your comments and suggestions regarding this newsletter.

MUKILTEO WATER AND WASTEWATER DISTRICT

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