



Our Mission

It is the goal of Silverdale Water District to provide the highest quality water at the lowest reasonable price, assuring reliability of source, storage and distribution. The district is constantly planning for present and future preservation of its most precious resource, through prudent financial and personnel management and long term regional planning.

Commissioner's Corner

Purple is the color you will see us wearing in the Whaling Days Parade this year. No we are not celebrating the UW Huskies. We are trying to get the message out to our customer/owners and the general public that reclaimed water is in our future; i.e. **purple pipe**.

Now that the weather is warming up, we are all watering our yards to keep Washington our 'evergreen state' through the dry months. As you may know, there is no magic source of water. Every drop we use comes from the rain that falls on the Kitsap Peninsula throughout the year. Unfortunately large storms, like the one in early December, dumps too much water at once and a large portion runs off instead of percolating into our aquifer.

If your home has an onsite septic system you are already reclaiming your household water, by recharging you are assisting in enhancing our local water resources. The water cycle is interrupted if large amounts of water are discharged through a sewer outfall. As we grow more homes and businesses hookup to the sewer system, that water does not currently get recharged but instead gets dumped (read wasted) into the Puget Sound. This practice is not sustainable in the long run.

The Central Kitsap Wastewater Plant located in Brownville discharges about three and half million gallons of water everyday and more during certain periods of time. That means we are "de-watering" our area water supply and at some point the water we need everyday will not be there. Even now some of the Bainbridge Island aquifers are seeing salt water intrusion. West Sound Utility District is starting to reclaim and recycle their water by watering area ball fields.

SWD stretches from the Hood Canal to Central Valley Road and from Chico to Scandia. Our entire system is built to handle the summer demand, which means ten to eleven months out of the year our capital plant is not used to its' full capacity. If we can offset the high irrigation demands of summer with reclaimed water we can use the pipes and pumps already built and paid for to serve new future customers. This process of reclaiming costs money and as you know SWD is 'local government that works without taxes,' so it must make sense (dollars and cents).

Safety is primary concern, so even though the water will be treated to the highest grade, Class A standard, it will only be used for non-drinking (non-potable) purposes like irrigating our parks, ball fields, needs of commercial customers and environmental enhancements. The water lines are in separate pipes, with reclaimed water running in its own purple pipe.

Kitsap County is in the process of upgrading their treatment plant and installing new transmission lines. We are working together to save money by jointly designing and installing a system from Brownsville to Silverdale. It is a big, long term project, and this is our first step to a sustainable future. Please let us hear your encouragement and concerns.

Commissioner Marcus Hoffman



Community Calendar

August 9 – 10, 2008

Silverdale Thunder Hydroplane Races

The thrill of high-speed, rooster-tail flying, thundering hydroplanes returns to Silverdale. There's great viewing to be had at the Silverdale Waterfront Park. Racing happens Saturday and Sunday but the public is invited to come out Friday evening for entertainment in the beer garden and to watch as the race site comes to life.

September 20, 2008

Memory Walk The Alzheimer's Association Memory Walk is the nation's largest event to raise awareness and funds for Alzheimer care, support and research – and it calls on volunteers of all ages to become champions in the fight against this fatal disease. By joining Memory Walk, you'll be walking with a purpose – and MOVING us ever closer to a world without Alzheimer's. **To sign-up or for more information, contact: Alzheimer's Association 800.848.7097**

Silverdale Water District Calendar

Commissioner meetings are held on the first and third Thursday of the month starting at 9:00 AM at the district office. The dates and topics are as follows:

08.07.2008 General Business

08.21.2008 Study Session

09.04.2008 General Business

09.18.2008 Study Session

Conservation Tips

Efficient water use can save you money on water & utility bills, and reduce the costs for sewer and septic services. Use the following tips to help protect the environment and save your family money!

Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.

Monitor your water bill for unusually high use. Your bill and water meter are tools that can help you discover leaks.

Turn off the water while brushing your teeth and save up to 25 gallons a month.

Water your lawn and garden in the morning or evening when temperatures are cooler to minimize evaporation.

Spread a layer of organic mulch around plants to retain moisture and you'll save water, time and money.

Grab a wrench and fix that leaky faucet. Faucet repair can save up to 300 gallons a month.

Use a hose nozzle or turn off the water while you wash your car. You'll save up to 100 gallons every time.

Contact Information



Phone: 360-447-3500

Fax: 360-447-3590

Web: www.swd16.org

For After Hours Emergencies: Dial 911

Mailing Address

5300 NW Newberry Hill Road, Suite #100
Silverdale, WA 98383



The Water Use Efficiency Program

Water Conservation has always been valued at Silverdale Water District, however recently Washington State Department of Health has made it mandatory for all water systems to develop and implement a Water Use Efficiency Program. The Water Use Efficiency Rule requires water purveyors to meet specific criteria and timelines set forth by the rule, depending on your water system size. The criteria that SWD must meet are listed below:

- Water systems must meter and track both water sources as well as water consumption.
- Water systems must meet a Distribution System Leakage percentage of 10% or less.
- Set measurable water use efficiency goals in a public process.
- Implement 6 water use efficiency measures that support the purveyor's goals.
- Implement a water use efficiency education program.
- Evaluate rates that encourage water demand efficiency.
- Evaluate the use of reclaimed water.

Although these demands may seem difficult or expensive, Silverdale Water District meets the rule's basic requirements without doing any additional work outside our daily and annual operations.

The information below pertains to November 2006 to November 2007.

- The District produced 795 MG of water, the volume of water lost to Distribution System leakage is 39 MG, or 4.9% of total water produced.
- Silverdale Water District has been fully metered since January 1974.
- Silverdale Water District's Water Use Efficiency three goals were set at our January 17, 2008 Commissioner meeting.

Goal 1. To reduce peak day demand by 5% of system production within 5 years (measured on a 3 year average).

Silverdale Water District has set a goal to reduce peak day demand by 2013. Currently our average peak day demand for the time period of 2005 to 2007 is 691,361 cubic feet (CF) or 5.2 million gallons (MG). We estimate that 0.25 MG of water will be saved on our peak day alone by achieving this goal. The District plans on accomplishing this by implementing conservation measures that target outside water usage. One of these measures is to complete a feasibility study in which reclaimed water uses for Silverdale will be evaluated. The feasibility study will be completed by December 2008.

Goal 2. To establish a District standard that defines an efficient water user for the service area. From this standard the District will recognize those customers that are classified as efficient. The District will also work with 2%, or a minimum of 20 customer accounts, from each customer class to join the efficient category.

The District feels those who are conserving our natural resource should be recognized and those who are not as efficient should receive assistance and education which will guide them in being more careful stewards of the resource. We are currently in the process of evaluating past data and gathering additional data from county records. Once this is finished we will generate a document that specifies an efficient user. This step will be completed by January 2009. We plan to establish our first list of proficient users by May 2009.

Goal 3. To maintain a 5% or better unaccounted for water percentage as compared to production and to maintain accurate records of unmetered water.

Although the District has maintained the distribution system well and therefore leaky pipes are not a significant problem, we feel that it is important to continue this standard. The District also sees room for improvement in our record keeping of unmetered uses of water. By doing this we hope to gain a better understanding of our true water loss. The District currently tracks all water produced and sold. This data is then used to calculate our annual unaccounted for water. In 2008 and 2009 we plan to develop a streamlined system for tracking all water uses, including flushing, fire fighting, maintenance, leaks, and meter inaccuracy, which will be incorporated into calculating our water loss.

→ A Bit of History

January 7, 1942, Washington State Patrolman Grimstead attended the Silverdale Water District at the direction of Governor Langlie to discuss the security and protection of the water supply for Silverdale. Governor Langlie is planning on protection and security to be provided by the Home Defense Operation.