



LAKEHAVEN UTILITY DISTRICT

31627 1st Ave. S. | PO Box 4249 | Federal Way, WA 98063-4249
Federal Way: 253-941-1516, Tacoma: 253-927-2922 | www.lakehaven.org

May - June 2009

Commissioner's Corner

Edward Stewart



As you will read on the front page of this Newsletter, Commissioner Beverly Tweddle retired from the Board of Commissioners in April. Her long battle with health problems has, to our collective misfortune, made it too difficult for her to continue her work on the Board.

The occasion of her retirement is an opportunity to reflect on my good fortune to have worked with Bev on the Board for the past ten years. She is a source of great vitality and her enthusiasm for the work of the District benefitted the Board and the ratepayers greatly. With her background in government and her broad experience in utility management, Bev was able to pass on to me much about the business of the water and sewer utility we have been so privileged to serve.

Bev began her career in public service working for a small town outside of Spokane. As the administrator of a small municipality, she was called on to perform nearly every job imaginable. Moving her family across the mountains, she came to the City of Milton in the 1970's to work in city administration. After a successful career at Milton, she was asked to join the Pierce County Wastewater Utility. At Pierce County, she worked tirelessly on the Chambers Creek Wastewater Treatment Plant Expansion Project. While helping to bring that important project to completion, she had the good fortune to work closely with Pierce County Executive Booth Gardner. When Booth became Governor, he brought Bev with him to Olympia to serve as his chief assistant in the Governor's Office.

Bev was elected to the Lakehaven Board in 1987. Following her election to this Board, Bev was selected for a position on the Metro Council. She served on the Metro Council with distinction until leaving to take a position at Metro in human resources. With her experience managing people in public service, she was able to make a successful transition to human resources and used the knowledge gained in the position to assist the District's Board and staff alike in personnel matters.

I know from talking to Bev that her service on the Board at Lakehaven has been one of the most rewarding experiences of her life. She has been an unwavering advocate for the ratepayer from the very beginning. As Bev would note many times, she was a citizen activist long before she became an elected official. Her interest in the welfare of the ratepayer inspired her to create the Customer Assistance Program to help customers with financial difficulties meet the cost of water and sewer service. She is also an avid gardener and was instrumental in the establishment of our Water Conservation Garden and Water Conservation Poster Contest.

I have been honored and privileged to serve with Beverly Tweddle. As a customer of the District, it is no less a privilege that you have had her voice on the Board of Commissioners.

Leonard D. Englund
Commissioner

Charles I. Gibson
Commissioner

Timothy A. McClain
Commissioner

Donald L.P. Miller
Commissioner

Ronald E. Nowicki
Commissioner



LAKEHAVEN UTILITY DISTRICT

31627 1st Ave. S. | PO Box 4249 | Federal Way, WA 98063-4249
Federal Way: 253-941-1516, Tacoma: 253-927-2922 | www.lakehaven.org

WELL 34M (OASIS PROJECT)

During the early 1990's, the District began researching the development of a water resource program called the OASIS Project, which is an acronym for Optimization of Aquifer Storage for Increased Supply. The OASIS Project identified the Mirror Lake Aquifer* (MLA) as a large, potential "underground storage reservoir", capable of artificially recharging and storing 29,000 acre-feet of water (approximately 9.5 billion gallons).

In September 2006, the OASIS Project was officially approved and authorized by the Washington State Department of Ecology through a reservoir permit. This project includes the construction of a number of special aquifer storage recovery (ASR) wells that will be used to recharge the aquifer every winter and, alternatively, to supply water for municipal uses during the summer. In addition, a number of special monitor wells will also be constructed to measure and record operational groundwater fluctuations.

In 2006, a test well for a different project was drilled and later converted into an OASIS monitor well (Well 34M). To help reduce construction costs of the OASIS Project, the conversion process of the test well included developing Well 34M into a special "nested piezometer well". The well now consists of three small diameter wells separately cased and screened at various depths within the larger original well borehole. These "nested piezometers" within Well 34M will be used to provide valuable future data on vertical infiltration, leakage rates, and groundwater fluctuations in the Redondo-Milton Channel (RMC) Aquifer, Mirror Lake Aquifer (MLA), and the confining geological clay layer between the two aquifers during the course of artificial recharge, storage, and recovery of groundwater for the OASIS Project.

* An "aquifer" is an underground layer of permeable rock, sand, or gravel through which groundwater flows, containing enough water to supply wells and springs.



District Engineer at Well 34M

Leonard D. Englund
Commissioner

Charles I. Gibson
Commissioner

Timothy A. McClain
Commissioner

Donald L.P. Miller
Commissioner

Ronald E. Nowicki
Commissioner



LAKEHAVEN UTILITY DISTRICT

31627 1st Ave. S. | PO Box 4249 | Federal Way, WA 98063-4249
Federal Way: 253-941-1516, Tacoma: 253-927-2922 | www.lakehaven.org

WATER CONSERVATION GARDENING

Lakehaven Utility District encourages water conservation gardening. Following are some tips for Xeriscape gardening:

- Plant in the fall.
- Prepare soils using a soil amendment.
- Select climate friendly plants.

For Lawns:

- Water no more than one inch a week.
- Water before 10:00 a.m. or after 9:00 p.m.
- Aerate the soil in the spring and fall.
- Mow regularly, leave grass clippings on lawn.
- Remove thatch build-up of over ½ inch.



GARDEN AT SENIOR CENTER



Lakehaven Utility District donated the drip irrigation system for the new community garden at the Federal Way Senior Center. This all-volunteer project is supported by local businesses and will provide fresh organic produce for those (especially seniors) who cannot afford to purchase it. The garden is comprised of 58 raised beds with areas designed for gardeners using wheelchairs and walkers. There is also a garden area for children's groups. The community garden opened at the Senior Center, located at 4016 S. 352nd Street, Auburn, WA, on May 1, 2009. For information on how to become involved, call Mike Stanley at 253-279-6443.

Leonard D. Englund
Commissioner

Charles I. Gibson
Commissioner

Timothy A. McClain
Commissioner

Donald L.P. Miller
Commissioner

Ronald E. Nowicki
Commissioner



LAKEHAVEN UTILITY DISTRICT

31627 1st Ave. S. | PO Box 4249 | Federal Way, WA 98063-4249
Federal Way: 253-941-1516, Tacoma: 253-927-2922 | www.lakehaven.org

KIDS CORNER



Wildwood Elementary Students attend the Water Festival at Green River C.C.

WATER FESTIVAL

Lakehaven Utility District sponsored 273 Federal Way School fourth and fifth grade students at the annual Water Festival held this year at Green River Community College. Classes emphasized the importance of clean water as well as water conservation.

WATER CONSERVATION EVENT

The District will sponsor a booth at the City of Federal Way's annual Red, White, and Blues event on the 4th of July at Celebration Park.

Leonard D. Englund
Commissioner

Charles I. Gibson
Commissioner

Timothy A. McClain
Commissioner

Donald L.P. Miller
Commissioner

Ronald E. Nowicki
Commissioner



LAKEHAVEN UTILITY DISTRICT

31627 1st Ave. S. | PO Box 4249 | Federal Way, WA 98063-4249
Federal Way: 253-941-1516, Tacoma: 253-927-2922 | www.lakehaven.org

Your Board of Commissioners

Chuck Gibson - President
Ed Stewart - Vice President
Don Miller - Commissioner
Ron Nowicki - Commissioner
Vacant Position - Commissioner

Regular Board of Commissioners meetings are held the 2nd and 4th Thursdays of each month.
These meetings are held at the Lakehaven Center at:

Lakehaven Center
31531 First Ave. S.
Federal Way at 6 p.m.

Leonard D. Englund
Commissioner

Charles I. Gibson
Commissioner

Timothy A. McClain
Commissioner

Donald L.P. Miller
Commissioner

Ronald E. Nowicki
Commissioner