



# King County Water District 90

## WATER NOTES & DRIPS

Summer 2013

### Calendar

Board of  
Commissioner  
Meetings (4:45pm)  
First and Third  
Tuesdays  
At the District Office

### Commissioners

Dick Gidner  
President  
Byron Murgatroyd  
Vice President  
Sam Amira  
Secretary

### Contact Us

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website at:  
www.kcwd90.com

## KCWD 2013 Capital Improvement Construction Projects Summary

### Projects Completed

- **4th Street Transmission Main Replacement and Emergency Supply Project.**

Location: 4262 NE 4th Street.

Description: The District partnered with the City of Renton, to replace the District's old deteriorating 12" Cast Iron (CI) supply pipe with a 16" Ductile Iron (DI), while the City installed a new stop light at Safeway and the Post Office. This pipe is the District's main supply line from Seattle Public Utilities'. The project also includes installing an emergency water supply connection to the City of Renton.

Current Status: The project is completed with approximately half of the funding coming from a low interest loan.

- **156th Ave SE Water Main Replacement Project**

Location: 156th Ave between SE 128th and SE 142nd PL.

Description: This project was also a partnership between the District and the City of Renton. It included the replacement of old 6-inch steel water main with 3,800 feet of new 12-inch and 8-inch DI pipe, new services and fire hydrants. Once the main was completed, the street was paved. The City and the District shared the cost. It is now a much better ride.

Current Status: The project is completed and below budget.

### Projects Beginning or in Early Process

- **Well #3 Project.**

Location: Jones Rd.

Description: The first phase of this project is to drill and construct a 16-inch production well to help augment supply from the District's wellfield which has experienced a loss in capacity. The second phase is to install the pump, pipe and control systems to operate the well with our existing wells and treatment plant.

Current Status: The project is currently in permitting with expectation of completion by the end of 2013.

- **Reservoir Painting Project.**

Location: 19301 SE 145th AVE SE.

Description: This project includes the removal and replacement of the interior and exterior coatings of Tank 2. Additionally, a ladder will be installed within the interior of Tank 4 and touch up work will be performed on Tanks 3A, 3B and 5. Other Safety and Security work will also be done.

Current Status: The project is currently in design and is expected to start this winter during the time of low water use.

- **SE 149th St Water Main Replacement Project.**

Location: 4262 NE 4th Street.

Description: Replacement of approximately 4,300 lineal feet of existing 4-inch and 6-inch steel water main with 8-inch ductile iron pipe. The project also includes the replacement of approximately 8 Fire hydrants, 80 meters and service lines, and appurtenances.

Current Status: The design engineer for this project is Stantec, out of Bellevue, WA. They will continue work on the design and permitting for this project. Construction is expected to occur sometime in 2014. The District has received a very low interest loan from the Drinking Water State Revolving Fund, to pay for this project.

If you have any questions for King County Water District No. 90 regarding any of these projects please email info@kcwd90

## Christmas Eve Watermain Break 2012 - By Gary Brown:

To keep the King County Water District No. 90 water system running properly and respond to emergencies, we have a rotation for on call personnel to cover for nights, weekends and holidays. Last Christmas season it was my turn.

Being the Christmas season, I had been busy preparing for the holidays and the family gathering at my house (14 in all) on Christmas Day. At about 5:30 p.m., I had just prepared a casserole and put it in the oven for dinner when I received a call from our SCADA system with a low level alarm from Reservoir #5. I logged on to our monitoring system and saw that the pumps were not keeping up with the demand. I called my foreman John Bittenham informing him of a possible main break in High Valley. I knew then that I would have to respond quickly to keep our customers in water for Christmas morning. I kissed my children goodbye and headed off to work.



Once arriving in High Valley near the upper loop I started searching for the leak foot by foot. At about 7:00 p.m. I found the leak on 210<sup>th</sup> PL., at the end of the cul-de-sac. The leak had self excavated on and around the 6" A/C main. I was able to shut down only one valve putting only 8 customers out of water instead of most of our customers in High Valley. Within the hour John Bittenham and Robert Smart had responded to the job site ready for work with the equipment and tools we needed. That night the three of us worked throughout the night to ensure our customers were able to wake up Christmas morning with water to their homes. I arrived home that next morning at 6:00 a.m. with a very sweet note from my children and family on my refrigerator.

As a Water District employee our on-call shifts can be very time consuming and at times be very strenuous. We can be called in to work at any time leaving our children and family alone for many hours at a time. Most times it is just an inconvenience but that night in High Valley was well worth it. I want to thank all of the High Valley customers for their patience and my coworkers for their help working all night to ensure that our customers were going to wake up with water on Christmas morning. I have been on call many times in the past seven years, but have never experienced an all night long emergency repair like this one.

## 2<sup>nd</sup> Annual Report on Senior Citizen and Permanently Disabled Discount Rate

In the second year of the program, KCWD 90 had 33 customers participate in our "Low Income Rate for Senior Citizens and Permanently Disabled" customers. The District is required by statute to report to our customers annually the cost of this program. The total cost to the District for the second year of this program (June 1, 2012 to May 31, 2013) was \$4,404. Customers who qualify for the discount program pay a base rate of \$21.50 rather than the full base rate of \$48.15. Consumption charges and the summer surcharge are at the regular rate.

## Do you qualify? Here are the requirements:

- You or your spouse is 55 years or older OR is permanently disabled.
- You are living in the residence and pay the water bill.
- Your gross income from all sources is \$22,000 if single and \$27,000 if married.

Applications for the reduced rate program can be found on our website at [www.kcwd90.com](http://www.kcwd90.com) or call the office at 425-255-9600 for more information.