ANNUAL NEWSLETTER ISSUE 31, MAY 2019

WHITWORTH WATER DISTRICT

17401 N. Newport Rd • Mead, WA 99021 • (509) 466-0550 • www.whitworthwater.com

Hours: 7:30 AM - 4:00 PM
Monday - Friday

Emergency 466-7511
Office 466-0550

Board Meetings: 4:00 PM
1st and 3rd Thursday of each month

The Whitworth Water District Crew from left to right: Commissioner Steve Irwin, Ron Gillies, Steve Borer, Linda Haase, Commissioner Chris Johnson, Teresa Gilbertz, Bob Wirtz, Bill Weed, Commissioner Dennis Brown, Matt Wright, Mark Newton, Craig Miller, Jake Holthaus, Doug Babin, Riley Sams, Brenda Arthur, Nic Johnson, Commissioner Jean Pond, Bryce Thain, Tim Murrell, Tom McInerney, Not pictured: Commissioner Chan Bailey

New District Headquarters Now Open for Business

After nearly 50 years at our Waikiki Road location, we moved into our new District Headquarters in the middle of February. We now have both our administration and operations functions in a single facility which has greatly improved efficiency. The facility provides adequate space for the District to grow for several decades to come while always maintaining excellent customer support and superior knowledge of our water system. Feel free to stop by and see the new grounds, we are open from 7:30 to 4:00 Monday through Friday excluding holidays.

A Note from the Chairman

The last couple of years have been very exciting here at Whitworth Water District. We have built a new and more centrally located District headquarters that is loved by our customers as well as our employees. The headquarters will service the District for many years to come.

In the last couple of years, we have hired top-notch managers to lead the work and manage District affairs. The District has also had the opportunity to add two new highly qualified Board Members who work along with management and oversee the use of District resources and ensure the District is operating efficiently.

I've been a Whitworth Water District commissioner for a number of years and enjoy working with the new staff and commissioners, and appreciate knowing that they will lead the District into the future.

Commissioner Chris Johnson

Projects Scheduled - 2019

Administration and Operations Building	$ 970,000est.
Well 3D Drilling	$ 395,000
Well 3D Pump House Design	$ 50,000
Mill Rd Transmission Phase I	$ 1,180,000
Mill Rd Transmission Phase II	$ 1,540,000est.

Projects Completed - 2018

New Administration and Operations Building	$ 4,169,485
Kensington Main Replacement	$ 120,000
System 3 & 8 Site Acquisition for Well	$ 325,000
System 3 Test Well	$ 62,000
System 3 to System 8 Main Work and Booster Intertie	$ 40,000
New System 8 Reservoir Engineering/Site Location	$ 10,000
Repair Midway Reservoir	$ 66,000

Manager's Report

Some of the biggest news of the past year is our opening of the new District Headquarters. The additional space has allowed us to centralize our operations and increase efficiency. We hope you will stop by and get a tour.

With the recent acceptance of our Water System Plan, we are now actively engaged in the implementation of our 10-year Capital Improvement Plan (CIP). The CIP provides a timeline and budget for addressing necessary infrastructure projects around the District. This year the District is focusing on the construction of a new production well and associated transmission pipeline that will help enhance water supply in the District's northern zones.

We used the past year to also update some of our administrative functions. In addition to our implementing online bill-pay, we have also digitized our paper customer records. This effort provides for better customer service, enhanced security, and improved document retention.

Look for updates to all District news and events on our website at: whitworthwater.com

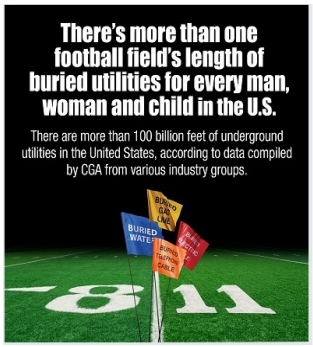
Thanks for being the best part of Whitworth Water District!

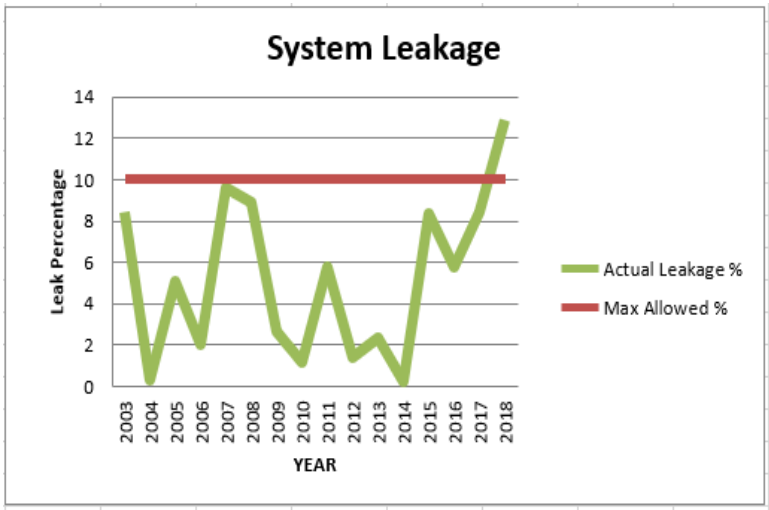
Tim Murrell, General Manager

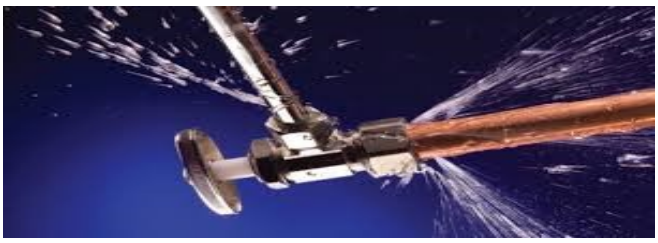
SPRING SAFETY REMINDER

Remember damage to underground utility lines and water facilities caused by unsafe digging is your responsibility.

Call 811 two business days before digging into your next project; it's the law and we want you to be







Whitworth Water is required to calculate its distribution system leakage annually based on a State Department of Health directive. Their water use efficiency standard establishes a 10% or less distribution system loss based on a 3-year rolling average for the previous three years. The reportable average for the last three years will be 9%, which keeps us below the requisite 10% for the fifteenth year in a row.

WATER USE EFFICIENCY

Since 1998 Whitworth Water District customers have successfully met or exceeded the District's mandated water use efficiency goal 14 out of 19 years. While water use has continued to decline across the residential sector in the U.S. even as population increased, this was not the case with our own customers in 2015 and 2016 when use was well over our goal. Last year proved to be the year when water conservation was not completely forgotten by you and water use decreased from that in 2015 and 2016 which allowed the District to meet its goal of 3,752 cubic feet per month.

Water purveyors in Washington State are mandated to reduce the water use of their customers and to meet their water reduction goal each year. This is not something the District can do by itself by shutting its pumps off five days a month or disconnecting sprinkler systems if a property shows excessive use.

Only you, our customers, can reduce your water consumption by using conservation strategies in your daily life both inside and outside your home.

Water use efficiency requires a lifestyle change by all of our customers every day regardless of temperature or weather conditions and especially during the months of irrigation.

Help us make 2019 another year when our water efficiency goal is met.

2018 STATISTICS	
New meters installed	100
Hydrants Repaired/Replaced	31
Meters Repaired/Replaced	1,800
Service Location Requests	2,065
Water pumped (in gallons)	3,880,769,000
Unaccounted for Water	12.66%
GENERAL STATISTICS	
Number of Services	10,148
Booster Stations	16
Total District Wells	20
Reservoirs (15,035,000 gal)	13
Mains installed (Total)	284 miles

Water Samples - 2018

Types of Samples	No. Taken	Cost
Bacteriological	480	$12,000
Volatile Organic	1	$ 160
Nitrates	12	$ 240
Lead and Copper	30	$ 1,200
UCMR4	6	$ 6,100
IOC	3	$ 900
Pesticides	12	$ 1,800
Herbicides	12	$ 1,800
Gross Alpha	5	$ 475
Radium 228	5	$ 475

STAFF SPOTLIGHT

Operations Supervisor—Bill Weed

Bill Weed was promoted to Operations Supervisor in March of 2019. Bill has gained a vast amount of knowledge about the District since his first day in the Operations Department back in 1987. Bill's always eager to train new employees in all areas of water maintenance as well as teach new employees how to work in the water industry. Bill's always willing to stay until the job is done, whether working to fix water main breaks or assisting a customer with a water emergency.

Bill is very active in the community. In Bill's spare time he can be seen spending time with his 2 children, 4 grandchildren, as well as coaching girls fast pitch softball at the High School level and Junior Olympic level as well as playing on softball teams himself.

Customer Service Specialist—Brenda Arthur

Brenda Arthur began her employment as a Customer Service Specialist with Whitworth Water District in February of 2019. Brenda and her family have been residents of Spokane since 1985. She spent the majority of her professional career in the Insurance Industry focusing on Financial and Operational leadership as a business owner and CPA.

Brenda has a Bachelor's Degree from Eastern Washington University with a concentration in Accounting. She has a passion for animals and walks canines at the Spokane Humane Society when time allows.

If Brenda's not busy with her grandchildren, she's active in two Bunco groups, loves attending concerts, planning get togethers, gardening, boating, and also has an on-line store for baby and young children's fashions.

Holidays Observed

New Year's Day….	*January 1st*
Martin Luther King Day……	*3rd Mon. in January*
President's Day…..	*3rd Mon. in Feb.*
Memorial Day ……	*Last Mon. in May*
Independence Day..	*July 4th*
Labor Day……	*1st Mon. in Sept.*
Veterans Day……	*November 11th*
Thanksgiving……..	*4th Thurs. and Fri. in November*
Christmas Eve…….	*Half day - Dec.24th*
Christmas Day……	*Full day - Dec.25th*
New Year's Eve……	*Half day - Dec.31st*

Water Quality Monitoring

Whitworth Water District stands by its mission statement, "providing our customers with a cost effective supply of safe and dependable water for generations to come." In order to provide that service to the public, it is imperative that we routinely monitor your drinking water for constituents in accordance to State and Federal Standards. Laboratory analyses includes tests for bacteria, as well as chemical and physical indicators. A report is submitted to the Department of Health so your drinking water meets these rigorous standards. We are always looking for "volunteers" to help out with our home testing program. If you are interested in becoming a volunteer, please contact Bob Wirtz at (509) 466-7511, or email at bob@whitworthwater.com.

WATER QUALITY ANALYSIS

WATER QUALITY REPORT – 2018

SOURCE TYPE: Wells, Spokane-Rathdrum Aquifer
WATER HARDNESS: 200 ppm
MCL = Maximum Contaminant Level – The highest level of a contaminant that is allowed in drinking water.
MCLG = Maximum Contaminant Level Goal – The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.
TT = Treatment Technique – A required process intended to reduce the level of a contaminant in drinking water.

WHITWORTH WATER DISTRICT

IOC = Inorganic Chemicals
VOC = Volatile Organic Chemicals
< = Less than
mg/L = Milligrams per liter = 1 ppm
ug/L = Micrograms per liter = 1 ppb
AL = Action Level
pCi/L = Picocuries per liter
ND = Not detected above quantifiable limits

District Source Water Testing

Contaminant	2018 District Highest Amount Detected	EPA Most Stringent Standard (MCL)	MCLG	Complies With Standard	Possible Source
Nitrate - IOC	2.82 mg/L	10 mg/L	10	Yes	Runoff from fertilizer use; septic tank leaching sewage; erosion of natural deposits.
Arsenic -IOC	4.1 ug/L	10 ug/L	0	Yes	Erosion of natural deposits, runoff from orchards, glass and electronic production wastes.
Radium 228	.7 pCi/L	5 pCi/L	0	Yes	Erosion of natural deposits
Gross Alpha	5.82 pCi/L	15 pCi/L	0	Yes	Erosion of natural deposits
VOC	.71 ug/L	5 ug/L	0	Yes	Dry cleaning solvent and metal degreaser

District Distribution System Testing

Contaminant	District Units	District MCLG	District MCL	District 90th Percentile	District High	# of Sites Exceeding AL	Possible Source
Lead (Tested 30 at risk homes in 2018) Next testing in 2021	ug/L	0	AL=15	1.5	2.06	0	Lead based products used in service lines and home plumbing during World War II and 1988.

The above information is provided to notify you of the results of our water quality monitoring in 2018. More than 82 compounds were tested for in 2018. In every case except those listed above, there were no levels detected. Where a level was detected, the compound was well below federal regulations established by the Environmental Protection Agency. Drinking water may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and health effects can be obtained by visiting their website at www.epa.gov/ground-water-and-drinking-water.

Compounds that may be present in water include the following:

Organic Synthetic and volatile compounds that are by-products of industrial processes and petroleum production. These can also come from gas station and urban storm runoff, and septic systems.

Inorganic Salts and metals that are either naturally occurring or result from urban storm runoff, industrial or domestic wastewater discharge, oil and gas production, mining ,and farming.

Pesticides/ Herbicides From agricultural and storm water runoff and domestic uses.

Biological Viruses and bacteria occurring from sewage treatment plants, septic systems, feedlots and backflow in a public system.

Radioactive Naturally occurring; also result of gas and oil production and mining activities.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno compromised people such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. Elevated drinking water lead levels can cause serious health risks for pregnant women and young children. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines are appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available by visiting the Safe Drinking Water website at www.epa.gov/ground-water-and-drinking-water. You may also contact our Water Quality Specialist at 466-7511 for more information on Whitworth Water District's water.

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Mill Road Transmission Main Construction Update

PURPOSE

Whitworth Water District wishes to inform our customers about the Mill Road Water Transmission Main project, Phase 1 of which will be constructed along Mill Road and Dartford Drive during the Summer of 2019. Through this and upcoming newsletters, we will keep you informed of project status and anticipated impacts so that you are able to effectively plan ahead.

PROJECT NEED

Whitworth Water District (District) provides water service to customers located on both the north and south side of the Little Spokane River. An increase in the number of customers served combined with increasing maximum day demands, have necessitated development of additional source capacity for that area.

The District has limited ability to develop additional groundwater source capacity within the Little Spokane Aquifer located north of the Little Spokane River. Thus, the District is developing additional source capacity at an existing well site near Mayfair and Hastings, south of the Little Spokane River. The Mill Road Water Transmission Main will allow for the transfer of water from this new source to the north side of the River.

PROJECT DESCRIPTION

The project includes construction of approximately 9,600 lineal feet of 24-inch water main in the alignment shown on the attached map. The project will be completed in two phases as shown on the map, with completion of Phase 1 anticipated in August 2019 and Phase 2 before May of 2020.

WHITWORTH
WATER DISTRICT

PROJECT STATUS

Phase 1 construction, which was awarded to N&N Excavation, will kick off May 13th along Mill Road between the intersections of Arrow Lane and Addison Street. Work will primarily take place in the southbound lanes. Motorists can expect intermittent traffic delays until the anticipated project completion in August 2019. In addition to Mill Road, traffic along Dartford Drive will also be impacted. We will continue to keep you updated during the construction progression.

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ENGINEERS | SURVEYORS