



WHITWORTH WATER DISTRICT

10828 N. Waikiki Rd • Spokane, WA 99218 • (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



Left to Right – Chris Johnson, Secretary-Treasurer; Chan Bailey, Commissioner; Doug Babin, Superintendent; Dennis Brown, Chairperson, Tim Murrell, General Manager; Jean Pond, Commissioner; Steve Irwin, Commissioner; Tom Davis, Operation Supervisor; Licia LeGrant, BWA; Maynard Davis, Western States; Robert Pace, BWA.

The Whitworth Water District Board of Commissioners is pleased to report on the ground breaking of our new administration and operations facility located on North Newport Road. The facility will be built on ground the District purchased back in 1993 and will replace our existing offices of nearly 50 years. Construction is set to begin in mid-May and is expected to continue through January of 2019.

The project was designed by Bernardo Wills Architects PC and will be constructed by Western States Construction Inc.

Whitworth Water District was established in the 1930's and we have gone from serving 1,000 services to nearly 11,000 services today. The District operates as a special purpose water District under the Revised Code of Washington, Chapter 57; as a public municipality. The District is governed by an elected five-member Board of Commissioners and is responsible for District direction. Please visit our website at whitworthwater.com for updates during the construction process.



Manager's Report

Dear Whitworth Water Customer,

It has been a wonderful but busy first year as the District's new General Manager. We have had a lot of successes. Our Board of Commissioners and staff heard your requests for on-line bill pay and instituted a safe and efficient platform that now allows the view and payment of your bill from any web-enabled device. We refreshed our District logo and launched a new web-site that keeps you informed on the latest District alerts, news, and happenings. And after nearly 50 years in our existing location, and decades of financial preparation, the District has begun construction of our new administration and operations facility located at 17401 N. Newport Road. The new facility will provide desperately needed space for both administration and operations functions for today and into the future.



Perhaps our biggest accomplishment in the past year is our completing of the District's 10-year Comprehensive Master Plan. The Plan provides the District with an achievable yet aggressive roadmap of upgrades, new infrastructure, and water supply projects necessary for the District to continue our commitment to providing a cost-effective supply of safe and dependable water for generations to come.

While next year will undoubtedly be just as busy, I speak for the Board and staff when I say we are all energized for the future. We will continue to support those successful blueprints of yesterday while embracing new priorities and technologies to ensure a sustainable future.

If ever you find yourself in the neighborhood, I encourage you to drop by our office and introduce yourself. I would enjoy meeting you.

Sincerely,

Tim Murrell, General Manager

2017 STATISTICS

New meters installed	177
Hydrants Repaired/Replaced	60
Meters Repaired/Replaced	1,851
Service Location Requests	2,479
Water pumped (in gallons)	3,566,979,700
Unaccounted for Water	8.40%

GENERAL STATISTICS

Number of Services	10,044
Booster Stations	16
Total District Wells	20
Reservoirs (15,035,000 gal)	13
Mains installed (Total)	284 miles

Water Quality Monitoring

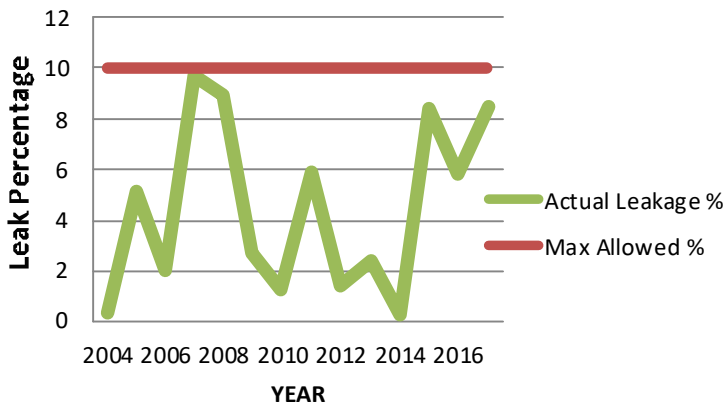
Whitworth Water District stands by its mission statement, "providing our customers with a cost effective supply of safe and dependable water for generations to come." In order provide that service to the public, it is imperative that we routinely monitor your drinking water for constituents in accordance 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 Samples -2017

<u>Types of Samples</u>	<u>No. Taken</u>	<u>Cost</u>
Bacteriological	480	\$ 9,600
Volatile Organic	4	\$ 640
Nitrates	12	\$ 240

System Leakage



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 System Leakage graph details our annual system leakage results for the past 14 years, all of which have been below the requisite 10%.

WATER USE EFFICIENCY - 2017 REPORT CARD

Since 1998 Whitworth Water District customers have successfully met or exceeded the District's mandated water use efficiency goal 13 out of 18 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 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 2016 which allowed the District to meet its goal of 3,752 cubic feet per year.

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 2018 another year when our water efficiency goal is met.

2017 Report Card

Goal: average monthly water use per connection not to exceed 3752 cubic feet

YEARS	GRADE
1999 - 2005	A
2006 - 2007	B
2008- 2014	A
2015-2016	D
2017	A

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 safe.



WATER QUALITY REPORT – 2017

SOURCE TYPE:	Wells, Spokane-Rathdrum Aquifer				
WATER HARDNESS:	176 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.			
IOC	=	Inorganic Chemicals	mg/L	= Milligrams per liter = 1 ppm	pCi/L = Picocuries per liter
VOC	=	Volatile Organic Chemicals	ug/L	= Micrograms per liter = 1 ppb	ND = Not detected above
<	=	Less than	AL	= Action Level	quantifiable limits



WHITWORTH
WATER DISTRICT

District Source Water Testing

Contaminant	2017 District Highest Amount Detected	EPA Most Stringent Standard (MCL)	MCLG	Complies With Standard	Possible Source
Nitrate - IOC	2.6 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	.6 pCi/L	5 pCi/L	0	Yes	Erosion of natural deposits
Gross Alpha	1.2 pCi/L	15 pCi/L	0	Yes	Erosion of natural deposits
VOC	.6 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 90 th Percentile	District High	# of Sites Exceeding AL	Possible Source
Lead (Tested 30 at risk homes in 2015) Next testing in 2018	ug/L	0	AL=15	1.6	5.61	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 2017. More than 82 compounds were tested for in 2017. 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. In 2017 the District was notified of seven samples that tested positive for Coliform. The District immediately took action with 32 repeat "follow up" samples that all came back with satisfactory results. Total coliform bacteria are common in the environment (soil or vegetation) and are generally harmless. 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.

ANNUAL NEWSLETTER ISSUE 30, MAY 2018

Projects Scheduled - 2018

Zone 2	Kensington Main Replacement	\$ 60,000
Zone 3	System 3 & 8 Site Acquisition for Well and Reservoir	\$ 400,000
Zone 3	System 3 Test Well	\$ 25,000
Zone 3-8	System 3 to System 8 Main Work and Booster Intertie - Preliminary Engineering	\$ 20,000
Zone 8	New System 8 Reservoir Engineering/Site Location	\$ 40,000
Zone 8	Motor Replacement 8A2	\$ 40,000
Zone 8	Repair Midway Reservoir	\$ 200,000
Zone 8	Install 12" Main north side of Midway Road east of elementary school, connecting to the main at Little Spokane Drive	\$ 160,000
Office	New Administration and Operations Building	\$ 4,265,000 ^{est.}



Projects Completed - 2017

Zone 2	Bore 12" main under Highway 2 from north of Camelot entrance to just north of Pan Abode on east side of Highway 2.	\$ 506,000
Zone 8	Install 2,000' of 12" main and 2,400' of 8" main from north Hardesty Ridge Lane south to Rae Lane.	\$ 309,000
Zone 9	Upgrade Midway Booster Station pumps and electrical.	\$ 98,000
Zone 9	Paint Chattaroy Hills Reservoir	\$ 91,000

Announcing...

**THE EASIEST WAY TO
PAY YOUR BILL**

**WHITWORTH
WATER DISTRICT**

Sign Up Today!

1. Go to: www.xpressbillpay.com
2. Select "Create a New Account". Fill in the email and password fields, then click in the "I'm not a robot" box and follow the prompts.
3. Complete the short registration form and click "Next."
4. Go to your inbox and open the verification email and click "Verify Email". Then select "Continue" to login.
5. Select your billing organization and follow the prompts for linking your bill.
6. Once your bill is added to your account, you can add another bill, view and pay your bill online, or setup a recurring auto payment schedule.

xpress BILL PAY

**REPORT
ALL LEAKS
IMMEDIATELY**

(509) 466-7511 or (509) 466-0550

COMMISSIONER STEVE IRWIN

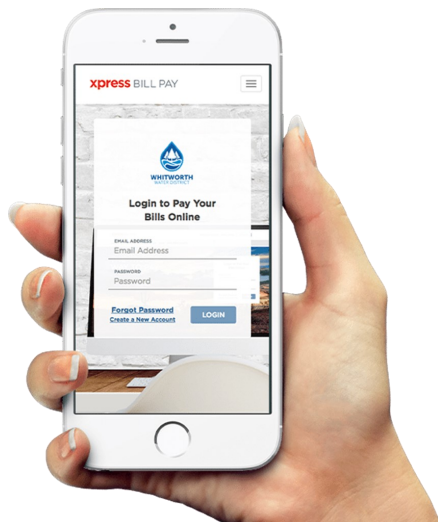
Steve Irwin began his term as a Commissioner in 2018. Commissioner Irwin has worked in a collaborative environment with owners, engineers, contractors, and building officials for over 25 years. He has also served as president of a local sailing club and president of his neighborhood homeowner's association. Commissioner Irwin is an armed services veteran and spent over six years active duty in the Air Force working in Base Civil Engineering.



Commissioner Irwin attended Cal Poly in San Luis Obispo, CA and spent the early years of his career as a design engineer on private and public projects. More recently, Commissioner Irwin has been working as a project manager on local, private, and public construction projects. Commissioner Irwin has a good background in planning, engineering and construction and has also worked on projects involving water distribution and water treatment systems. Outside of work, Commissioner Irwin enjoys spending his free time sailing his boat on Lake Pend Oreille, golfing, and beekeeping.

xpress BILL PAY

Whitworth Water's new online payment option saves you time and gives you more flexibility in how you pay your bill. If you have an internet connection and an email address, you can now pay your bill online! It's fast, it's easy, and you no longer have to write a check each month or find a stamp when it's time to send in your payment. More at whitworthwater.com.



Holidays Observed

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

COMMISSIONER JEAN POND

Commissioner Jean Pond began her term as a Commissioner in 2018. She and her family have been residents of Spokane and



Whitworth Water District #2 since 1989. She has taught at Whitworth University since 1990, with courses including cell biology, anatomy and physiology, general microbiology, and infectious disease.

Commissioner Pond has a bachelor's degree from the University of Minnesota, and a doctorate in microbiology from the University of South Dakota. She has an on-going interest in water quality as it intersects with general environmental concerns, and regularly has her students make observations of the natural, microscopic inhabitants of the Little Spokane River. Outside of the biology classroom, Commissioner Pond serves as the chairperson of the Board of Directors of Passages Family Support, a local non-profit group. She also teaches private lessons in both modern and New Testament Greek.