Appendix N – Consumer Confidence Report

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CITY OF BONNEY LAKE
19306 Bonney Lake Blvd.
P.O. Box 7380
Bonney Lake, WA 98391-0944

Prsrt Std
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DATABARI

2009 WATER CONSUMPTION CHARGES TO CUSTOMERS

Inside City Limits Rates:

Winter

0 -10 CCF per month	$1.11
Over 10 CCF per month	$2.19

Winter rates will be reflected on bills covering October 1st through May 31st

Summer

0 -10 CCF per month	$1.11
Over 10 CCF per month	$3.75

Summer rates will be reflected on bills covering June 1st through September 30th

Outside City Limits Rates:

Winter

0 -10 CCF per month	$1.60
Over 10 CCF per month	$3.19

Winter rates will be reflected on bills covering November 1st through June 30th

Summer

0 -10 CCF per month	$1.60
Over 10 CCF per month	$5.45

Summer rates will be reflected on bills covering July 1st through October 31st

How to Save Money on Water and Sewer Bills Continued . . .

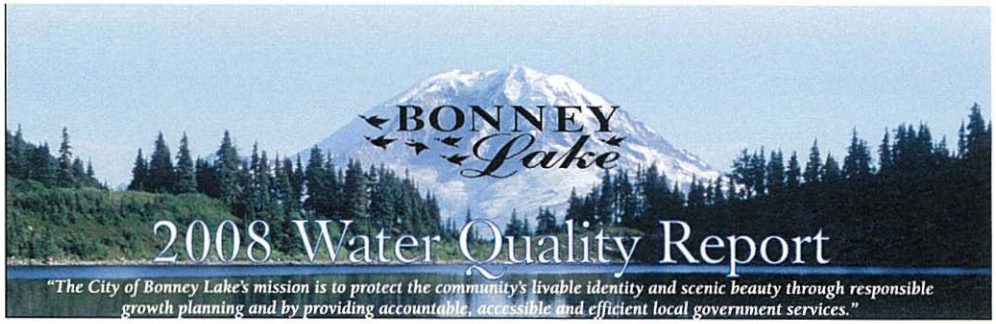
OUTSIDE THE HOME

- Use a hose nozzle or turn off the water while you wash your car. You'll save up to 100 gallons every time.
- Limit grass watering to no more than three times a week with 30-minutes per sprinkler zone.
- Spreading a layer of organic mulch around plants retains moisture and saves water, time and money.
- Use drip irrigation for shrubs and trees to apply water directly to the roots where it's needed.
- The City's customer peak demand for water is just before and after sunrise. We encourage customers to do the following: avoid watering grass and gardens during the day when the most evaporation occurs; automated sprinkler systems should be set to use water in the late evening or very early in the morning hours.

CITY OF BONNEY LAKE WATER AVAILABILITY

Victor Falls	1,100 gpm
Grainger Springs	1,500 gpm
Ball Park #1	1,000 gpm
Ball Park #2	270 gpm
Tacoma Point #2, 4, 6	2,300 gpm
Total Owned By City:	6,170 gpm or 8,884,8800 gpd
Tacoma Water Agreement:	2,000,000 gpd

gpm – gallons per minute, gpd – gallons per day



A MESSAGE FROM MAYOR JOHNSON

The City of Bonney Lake maintains that quality drinking water is fundamental to our way of life. As we have pointed out many times in the past, our water is some of the best drinking water in the state and your city staff is committed to continuing to provide you with the most efficient delivery of quality drinking water. As you read this report, it clearly shows that your drinking water meets and exceeds the required standards set by the U.S. Environmental Protection Agency. The goal of this report is to help you understand what is in your water – and what isn't. Included are details describing where your water comes from, what it contains, and how it compares to stringent federal water quality standards. It also outlines the process used to protect your water from its source to you. We are committed to keeping you informed about water issues. Although this report is of a technical nature, it is important information. Please stay tuned throughout the Spring and Summer for updates regarding this critical resource. Every month we produce our city newsletter in the Courier Herald, and keep an eye on your utility bills. We will routinely put information on your statement, to keep you informed. Should you have any questions or comments, we encourage you to call, write or e-mail our staff. Please contact City staff with any questions as follows: Phone: (253) 447-4320. Address: PO Box 7380, Bonney Lake, WA 98391-0944; e-mail: webert@ci.bonney-lake.wa.us. The city will also have a booth at Bonney Lake Days August 15 & 16.

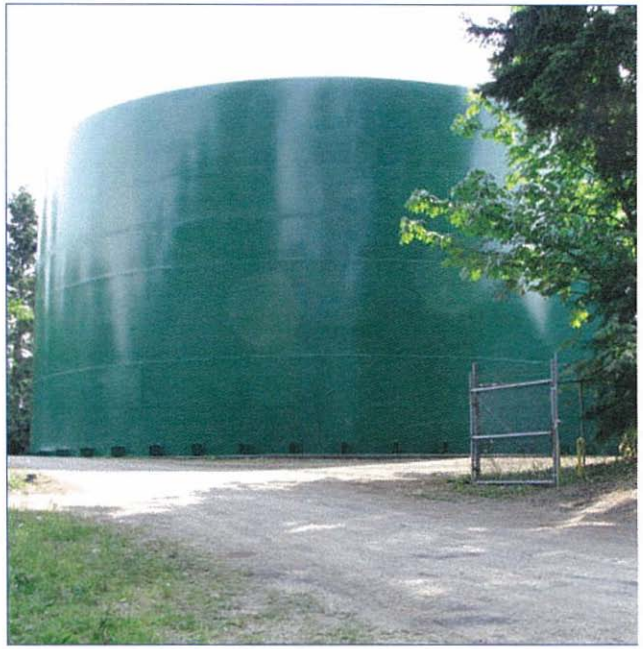
PUBLIC IMPROVEMENT

The City of Bonney Lake maintains 200 miles of water mains in the Bonney Lake water service area. The Public Works Operations Division provided safe, quality water to approximately 11,865 service connections and approximately 32,000 water consumers with a high degree of reliability. Approximately 1.3 billion gallons of water were produced by the City of Bonney Lake's wells and springs; the month of July was the highest use month with a production of 191 million gallons and the lowest production month being April with production 74 million gallons. **This represents a 158% increase in water consumption in the summer compared to winter use. This additional water is used for watering lawns, washing cars, etc...**

BONNEY LAKE'S WATER SOURCE

The City of Bonney Lake's drinking water is supplied by groundwater pumped from springs at Victor Falls and Grainger Springs, with well water from our Tacoma Point and Ball Park sites.

Continued . . .



THE CITY OF BONNEY LAKE'S 2008 WATER QUALITY REPORT

The City of Bonney Lake is committed to providing residents with a safe, reliable supply of high-quality drinking water. The quality of our water meets, and in most cases exceeds, state and federal standards for both appearance and safety. This "Consumer Confidence Report" is required to be sent to all our customers each year by the Safe Drinking Water Act (SDWA). The City of Bonney Lake is proud to share our results with you. Please contact the Public Works Department at (253) 447-4320 with any questions you may have.

Water Quality is of the utmost importance to your Mayor, City Council and Public Works staff, many of whom live in our water service area and drink the same water you do. Since they are also purchasers of the water, you can be assured they will do their best to keep the costs as low as possible without sacrificing quality.

2008 RESULTS

Test Results

The items listed below are the results of an inorganic chemical analysis for the Bonney Lake system. These test results are from the Bonney Lake water sources after treatment. In July of 2005, the City placed the new Ballpark Treatment Plant into service. This facility uses chlorine and filtration to remove iron and manganese down to levels typically less than 0.06 parts per million (ppm) for iron, and less than 0.081 ppm of manganese.

CITY OF BONNEY LAKE INORGANICS	MCL	UNITS	BALL PARK WELL	TACOMA POINT WELL	GRAINGER SPRING	VICTOR FALLS SPRING
Arsenic	0.01	mg/l	< 0.002	< 0.002	0.002	< 0.002
Barium	2	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
Cadmium	0.005	mg/l	< 0.002	< 0.002	< 0.002	< 0.002
Chromium	0.1	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
Mercury	0.002	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Selenium	0.05	mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Beryllium	0.004	mg/l	< 0.003	< 0.003	< 0.003	< 0.003
Nickel	0.1	mg/l	< 0.04	< 0.04	< 0.04	< 0.04
Antimony	0.006	mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Thallium	0.002	mg/l	< 0.002	< 0.002	< 0.002	< 0.002
Cyanide	0.2	mg/l	< 0.05	< 0.05	< 0.05	< 0.05
Fluoride	4	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
Nitrite - N	1	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
Nitrate - N	10	mg/l	< 0.2	< 0.4	3.0	3.8
Total Nitrate/Nitrite	10	mg/l	< 0.4	0.4	3.0	3.8
Iron	0.3	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
Manganese	0.05	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
Silver	0.1	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
Chloride	250	mg/l	11	3	8	7
Sulfate	250	mg/l	8	6	10	7
Zinc	5	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
Sodium		mg/l	10	11	18	7
Hardness		mg/l	114	56	96	106
Conductivity	700	umhos/cm	249	138	248	224
Turbidity		NTU	0.1	1.2	0.3	0.2
Color	15	color units	< 5	< 5	< 5	< 5
Lead		mg/l	< 0.002	< 0.002	< 0.002	< 0.002
Copper		mg/l	< 0.02	0.02	< 0.02	< 0.02

KEY TO TABLE:

MCL = Maximum (allowable) Contaminant Level set by the federal government
Mg/l = milligrams per liter or parts per million
umhos/cm = micromhos per centimeter
NTU = Nephelometric Turbidity Unit (Water Clarity)
< = Less than minimal Lab Test

2008 WATER QUALITY REPORT

Bonney Lake's Water Source Continued . . .

The City's newest addition to our water system is the Peaking Storage 15 million gallon tank that was completed in 2007. We also completed an agreement with Tacoma Water in 2005 to purchase up to 2 million gallons per day, when needed.

A Source Water Assessment has been performed for our area to provide baseline data about the quality of water before it is treated and distributed to customers. This is important because it identifies the origins of contaminants within our area and indicates the susceptibility of our water system to such contaminants.

To ensure that the tap water is safe to drink, the U.S. Environmental Protection Agency, through the SDWA, prescribes limits with the substantial safety factors on the amount of certain contaminants in water provided by public water systems.

To ensure safe, high quality water, the Public Works Operations Division (PW-OPS) continually monitors and samples the water quality. During the 2007 calendar year, PW-OPS took 470 routine bacteria samples and 71 bacteria samples to test new connections. An independent certified laboratory tests these samples to ensure the safety of your drinking water.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safety Drin ng Water Hotline (800-426-4791) or visit their website online at: www.epa.gov/safewater/sdwa/index html

As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from septic systems, agriculturallivestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides (synthetic organic chemicals), which may come from a variety of sources such as agriculture, stormwater runoff, and residential uses. Of the 93 synthetic organic chemicals tested, no contaminates were detected.
- Organic chemicals, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum products, and can also come from gas stations, urban stormwater runoff and septic systems. We test for volatile organic chemicals every three years.
- Radioactive contaminants, while unlikely, can be naturally occurring or be the result of oil and gas productions and miningactivities. In order to ensure that tap water is safe to drink, EPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water system. No radioactive materials were detected in Bonney Lake's water.

LEAD IN DRINKING WATER

"If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Bonney Lake is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead."

2008 Lead and Copper Sample Results taken from:

	EPA SET ACTION LEVEL	2008 CITY WATER TEST RESULTS	CITY WATER IN COMPLIANCE
LEAD	0.015 mg/l	0.003 mg/l	Yes
COPPER	1.3 mg/l	0.95 mg/l	Yes

SPECIAL HEALTH CONCERNS

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons include, but are not limited to, persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, persons with HIV/AIDS or other immune system disorders, and some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their healthcare providers. The EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

The primary sources of disease causing organisms will be from pets, food, general household cleanliness and personal hygiene. The risks of infection by Cryptosporidium or Giardia in your water supply are remote, as these organisms are not typically found in ground water sources such as those that supply the City of Bonney Lake system.

CHLORINE DISINFECTION

Chlorine is added to Bonney Lake's water as a disinfectant to protect consumers from possible disease causing microorganisms.

Chlorine Residuals. The state mandates a minimum chlorine residual level of 0.2 parts per million (ppm) throughout the water distribution system. This residual for Bonney Lake water sources typically ranges from 0.2 up to 0.65 ppm. The 2008 monitoring results ranged from 0.17 mg/l up to 2.13 mg/l.

Chlorine Disinfection By-Products. When chlorine combines with organic material, it will form chlorine by-products known as Total Trihalomethanes (TTHM) and Haloacetic Acids (HAA5) that are regulated by the Washington State Department of Health (DOH). The maximum level permitted for TTHM is 80 parts per billion (ppb) and for HAA5 the maximum level is 60 ppb. The results of testing conducted in 2008 ranged from non-detected to 10.9 ppb for TTHM and non-detected to 1.8 ppb for HAA5.

On occasion, there may be a chlorine odor or temporary milkiness to the water (the milkiness appearance is air in the lines). This is not a health hazard. However, if noticed on a regular basis you can contact the Public Works Operations office at (253) 447-4341 for more information.

CROSS CONNECTION CONTROL

The City of Bonney Lake has implemented a cross connection control program to prevent backflow of contaminated water from a customer's water system into the public water system. A cross connection control device is required if you use water for purposes other then drinking such as for: a booster system, boilers, yard sprinkler systems, fire sprinkler systems and soft drink dispensing machines. The City requires customers with their water line connected to these other uses to submit, on an annual basis, a report that their device has been tested by a state certified professional.

HOW TO SAVE MONEY ON WATER AND SEWER BILLS

Both Water and Sewer charges are based on how much water you use. To save money on both, the following water conservation suggestions are offered for residential customers. It is important to minimize both daily water consumption quantity and to minimize water use during peak hour periods. You can find additional conservation tips at: www.waterwise.com.

INSIDE THE HOME

- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Shorten your shower by a minute or two and you'll save up to 150 gallons per month.
- Install an instant water heater near your kitchen sink so you don't have to run the water while it heats up. This also reduces energy costs.
- Turn dish washers on when going to bed instead of during peak water use times, when dinners are being prepared.
- Put food coloring in your toilet tank. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it can save up to 1,000 gallons a month.
- Know where your master water shut-off valve is located, just in case you have a water leak issue. Try it once a year to make sure it works. This could save water and prevent damage to your home.

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CITY OF BONNEY LAKE
19306 Bonney Lake Blvd.
P.O. Box 7390
Bonney Lake, WA 98391-0944

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DATABARI

2008 WATER CONSUMPTION CHARGES TO CUSTOMERS

Inside City Limits Rates:

Winter

0 - 10 CCF per month	$1.03
Over 10 CCF per month	$2.05

Winter rates will be reflected on bills covering October 1st through May 31st

Summer

0 - 10 CCF per month	$1.03
Over 10 CCF per month	$3.50

Summer rates will be reflected on bills covering June 1st through September 30th

Outside City Limits Rates:

Winter

0 - 10 CCF per month	$1.50
Over 10 CCF per month	$2.97

Winter rates will be reflected on bills covering November 1st through June 30th

Summer

0 - 10 CCF per month	$1.50
Over 10 CCF per month	$5.08

Summer rates will be reflected on bills covering July 1st through October 31st

SPECIAL HEALTH CONCERNS

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune compromised persons include, but are not limited to, persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, persons with HIV/AIDS or other immune system disorders, and some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their healthcare providers. The EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

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PUBLIC IMPROVEMENT

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BONNEY LAKE'S WATER SOURCE

The City of Bonney Lake's drinking water is supplied by groundwater pumped from springs at Victor Falls and Grainger Springs, with well water from our Tacoma Point and Ball Park sites. The City's newest addition to our water system is the Peaking Storage 15 million gallon tank that was completed in 2007. We also completed an agreement with Tacoma Water in 2005 to purchase up to 2 million gallons per day peak flow, when needed.

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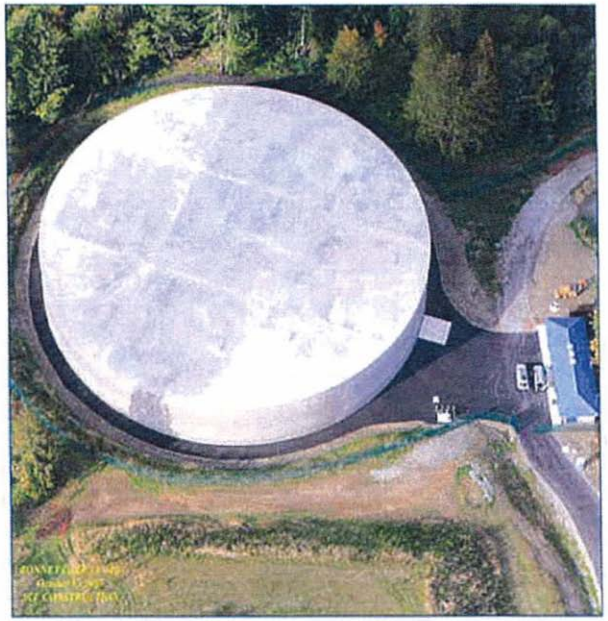

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Test Results

The items listed below are the results of an inorganic chemical analysis for the Bonney Lake system. These test results are from the Bonney Lake water sources after treatment. In July of 2005, the City placed the new Ballpark Treatment Plant into service. This facility uses chlorine and filtration to remove iron and manganese down to levels typically less than 0.05 parts per million (ppm) for iron, and less than 0.025 ppm of manganese.

INORGANICS 2007 RESULTS

	MCL	UNITS	BALL PARK WELL	TACOMA POINT WELL	GRAINGER SPRING	VICTOR FALLS SPRING
Arsenic	0.01	mg/l	< 0.002	< 0.002	0.004	< 0.002
Barium	2	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
Cadmium	0.005	mg/l	< 0.002	< 0.002	< 0.002	< 0.002
Chromium	0.1	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
Mercury	0.002	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Selenium	0.05	mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Beryllium	0.004	mg/l	< 0.003	< 0.003	< 0.003	< 0.003
Nickel	0.1	mg/l	< 0.04	< 0.04	< 0.04	< 0.04
Antimony	0.006	mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Thallium	0.002	mg/l	< 0.002	< 0.002	< 0.002	< 0.002
Cyanide	0.2	mg/l	< 0.05	< 0.05	< 0.05	< 0.05
Fluoride	4	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
Nitrite - N	1	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
Nitrate - N	10	mg/l	< 0.2	0.4	2.9	3.8
Total Nitrate/Nitrite	10	mg/l	< 0.4	0.4	2.9	3.8
Iron	0.3	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
Manganese	0.05	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
Silver	0.1	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
Chloride	250	mg/l	10	3	7	7
Sulfate	250	mg/l	8	6	10	7
Zinc	5	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
Sodium		mg/l	11	13	17	7
Hardness		mg/l	118	60	105	116
Conductivity	700	umhos/cm	260	145	254	244
Turbidity	1	NTU	< 0.1	< 0.1	0.1	0.2
Color	15	color units	< 5	< 5	< 5	< 5
Total Dissolved Solids	500	mg/l	N/A	N/A	N/A	N/A
Lead		mg/l	< 0.002	< 0.002	< 0.002	< 0.002
Copper		mg/l	< 0.02	0.02	< 0.02	< 0.02

KEY TO TABLE: MCL= Maximum (allowable) Contaminant Level; Mg/l = milligrams per liter/parts per million; umhos/cm = micromhos per centimeter; NTU = Nephelometric Turbidity Unit (Water Clarity)

2007 WATER QUALITY REPORT

Continued.....

A Source Water Assessment has been performed for our area to provide baseline data about the quality of water before it is treated and distributed to customers. This is important because it identifies the origins of contaminants within our area and indicates the susceptibility of our water system to such contaminants.

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- Microbial contaminants, such as viruses and bacteria, which may come from septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides (synthetic organic chemicals), which may come from a variety of sources such as agriculture, stormwater runoff, and residential uses. Of the 93 synthetic organic chemicals tested, no contaminates were detected.
- Organic chemicals, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum products, and can also come from gas stations, urban storm water runoff and septic systems. We test for volatile organic chemicals every three years.
- Radioactive contaminants, while unlikely, can be naturally occurring or be the result of oil and gas productions and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water system. No radioactive materials were detected in Bonney Lake's water.

LEAD IN DRINKING WATER

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Bonney Lake is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead."

CHLORINE DISINFECTION

Chlorine Disinfection - Chlorine is added to Bonney Lake's water as a disinfectant to protect consumers from possible disease causing microorganisms.

Chlorine Residuals - The state mandates a minimum chlorine residual level of 0.2 parts per million (ppm) throughout the water distribution system. This residual for Bonney Lake water sources ranges from 0.2 up to 0.65 ppm.

Chlorine Disinfection By-Products - When chlorine combines with organic material, it will form chlorine by-products known as Total Trihalomethanes (TTHM) and Haloacetic Acids (HAA5) that are regulated by the Washington State Department of Health (DOH). The maximum level permitted for TTHM is 80 parts per billion (ppb) and for HAA5 the maximum level is 60 ppb. The results of testing conducted in 2007 ranged from non-detected to 5.9 ppb for TTHM and non-detected to 1.8 ppb for HAA5.

On occasion, there may be a chlorine odor or temporary milkiness to the water. This is not a health hazard. However, if noticed on a regular basis you can contact the Public Works Operations office at (253) 447-4341 for more information.

CROSS CONNECTION CONTROL

The City of Bonney Lake has implemented a cross connection control program to prevent backflow of contaminated water from a customer's water system into the public water system. A cross connection control device is required if you use water for purposes other than drinking, such as: for a booster system, boilers, yard sprinkler systems, fire sprinkler systems and soft drink dispensing machines. The City requires customers with their water line connected to these other uses to submit, on an annual basis, a report that their device has been tested by a state certified professional.

HOW TO SAVE MONEY ON WATER AND SEWER BILLS

Both Water and Sewer charges are based on how much water you use. To save money on both, the following water conservation suggestions are offered for residential customers. It is important to minimize both daily water consumption quantity and to minimize water use during peak hour periods.

INSIDE THE HOME

- Grab a wrench and fix that leaky faucet. Faucet repair can save up to 300 gallons a month.
- Shorten your shower by a minute or two and you'll save up to 150 gallons per month.
- Install an instant water heater near your kitchen sink so you don't have to turn the water while it heats up. This also reduces energy costs.
- Turn dishwashers on when going to bed instead of during peak water use times, when dinners are being prepared.
- If your shower fills a one-gallon bucket in less than 20 seconds, replace the showerhead with a water-efficient model or buy flow restrictors to place in shower heads.
- When doing laundry, match the water level to the size of the load.

OUTSIDE THE HOME

- Use a hose nozzle or turn off the water while you wash your car. You'll save up to 100 gallons every time.
- Limit grass watering to no more than three times a week with 30-minutes per sprinkler zone.
- Place 3-6 inches of mulch or wood chips on top of all gardens and around trees to keep water from evaporating.
- Wash cars on grassy areas instead of on your driveway. The water will serve two purposes.
- Water grass and gardens after the sun goes down or just before sunset. Water will sink into the ground instead of evaporating into the air. One peak demand period is just before and after sunrise. Customers with automated sprinkler systems are strongly encouraged to water lawns in the late evening or early morning instead of when people are waking up.

CITY OF BONNEY LAKE WATER AVAILABILITY

Victor Falls	1,100 gpm
Grainger Springs	1,500 gpm
Ball Park #1	1,000 gpm
Ball Park #2	270 gpm
Tacoma Point #2, #6	2,300 gpm
Peaking Storage Tank	1,000 gpm
Total Owned By City:	7,170 gpm or 10,324,800 gpd
Tacoma Water Agreement:	2,000,000 gpd

gpm – gallons per minute
gpd – gallons per day

2006 Water Quality Report

"The City of Bonney Lake's mission is to protect the community's livable identity and scenic beauty through responsible growth planning and by providing accountable, accessible and efficient local government services."

A MESSAGE FROM MAYOR JOHNSON

Quality drinking water is fundamental to our way of life. The City of Bonney Lake has some of the best drinking water in the state. Your city staff is committed to continuing to provide delivery of quality drinking water. This report clearly shows that your drinking water meets and exceeds the required standards. The goal of this report is to help you understand what is in your water – and what isn't. Included are details describing where your water comes from, what it contains, and how it compares to stringent federal water quality standards. It also outlines the process used to protect your water from its source to you. We are committed to keeping you informed about water issues. Although this report is of a technical nature, it is important information. Should you have any questions or comments, we encourage you to call our staff (253) 447-4341.

PUBLIC IMPROVEMENT

The City of Bonney Lake's Water Department maintains 192 miles of water mains in the Bonney Lake water service area. The Public Works Operations Division provided safe, quality water to approximately 11,793 service connections with a high degree of reliability. Approximately 1,290,647,000 gallons of water were produced by the City of Bonney Lake's wells and springs. The City of Bonney Lake purchased an additional 19,266,984 gallons of water from Tacoma Water, for a combined production total of 1,309,913,984 gallons. During the month of July, our highest use month, the City produced 192,154,560 gallons from City wells and springs as well as purchasing 10,449,560 gallons from Tacoma Water. The lowest production month was February with 65,366,000 gallons. **This represents a 194% increase in water consumption in the summer compared to winter use. This additional water is used for watering lawns, washing cars, etc...**

BONNEY LAKE'S WATER SOURCE

The City of Bonney Lake's drinking water is supplied by groundwater pumped from springs at Victor Falls and Grainger Springs, with well water from our Tacoma Point and Ball Park sites. We also completed an agreement with Tacoma Water in 2005 to purchase up to 2 million gallons per day peak flow, when needed.

Source Water Assessment has been performed for our area to provide baseline data about the quality of water before it is treated and distributed to

Continued

Test Results

The items listed here are the result of an inorganic chemical analysis for the Bonney Lake system. These test results are from the Bonney Lake water sources after treatment. In July of 2005, the City placed the new Ballpark Treatment Plant into service. This facility uses chlorine and filtration to remove iron and manganese down to levels typically less than 0.05 parts per million (ppm) for iron, and less than 0.025 ppm of manganese.

INORGANICS 2006 RESULTS

	MCL	UNITS	BALL PARK WELL	TACOMA POINT WELL	GRAINGER SPRING	VICTOR FALLS SPRING
Arsenic	0.01	mg/l	< 0.002	< 0.002	< 0.002	< 0.002
Barium	2	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
Cadmium	0.005	mg/l	< 0.002	< 0.002	< 0.002	< 0.002
Chromium	0.1	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
Mercury	0.002	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Selenium	0.05	mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Beryllium	0.004	mg/l	< 0.003	< 0.003	< 0.003	< 0.003
Nickel	0.1	mg/l	< 0.04	< 0.04	< 0.04	< 0.04
Antimony	0.006	mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Thallium	0.002	mg/l	< 0.002	< 0.002	< 0.002	< 0.002
Cyanide	0.2	mg/l	< 0.05	< 0.05	< 0.05	< 0.05
Fluoride	4	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
Nitrite - N	1	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
Nitrate - N	10	mg/l	< 0.2	0.4	3.1	3.8
Total Nitrate/Nitrite	10	mg/l	< 0.4	< 0.5	3.1	3.8
Iron	0.3	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
Manganese	0.05	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
Silver	0.1	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
Chloride	250	mg/l	9	3	7	7
Sulfate	250	mg/l	7	7	10	7
Zinc	5	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
Sodium		mg/l	9	12	13	6
Hardness		mg/l	113	52	102	109
Conductivity	700	umhos/cm	200	140	220	211
Turbidity	1	NTU	< 0.1	0.2	0.3	0.7
Color	15	color units	< 5	< 5	< 5	< 5
Total Dissolved Solids	500	mg/l	N/A	N/A	N/A	N/A
Lead		mg/l	< 0.002	< 0.002	< 0.002	0.004
Copper		mg/l	< 0.02	0.04	< 0.02	0.02

KEY TO TABLE: MCL= Maximum (allowable) Contaminant Level, Mg/l = milligrams per liter/parts per million; umhos/cm = micromhos percentimeter; NTU = Nephelometric Turbidity Unit (Water Clarity)

THE CITY OF BONNEY LAKE'S 2006 WATER QUALITY REPORT

The City of Bonney Lake is committed to providing residents with a safe reliable supply of high-quality drinking water. The quality of our water meets, and in most cases exceeds, state and federal standards for both appearance and safety. This Consumer Confidence Report is required to be sent to all our customers each year by the Safe Drinking Water Act (SDWA). The City of Bonney Lake is proud to share our results with you. Contact the Public Works Department at (253) 447-4341 with your questions.

Water Quality is of the utmost importance to your Mayor, City Council and Public Works staff, many of whom live in our service area and drink the same water you do. Since they are also purchasers of the water, you can be assured they will do their best to keep the costs as low as possible without sacrificing quality. We provide water to approximately 31,000 people in Bonney Lake's water service area.

2006 WATER QUALITY REPORT

Continued ..

customers. This is important because it identifies origins of contaminants within our area and dicates the susceptibility of our water system to such contaminants.

To ensure that the tap water is safe to drink, the U.S. Environmental Protection Agency, through the SDWA, prescribes limits with the substantial safety factors on the amount of certain contaminants in water provided by public water systems.

To ensure safe, high quality water, the Public Works Operation Division continually monitors and samples the water quality. During the 2006 calendar year the Bonney Lake Water Department took 360 routine bacterial samples, and 118 bacteria samples to test additions to the water system. An independent certified laboratory tests these samples to ensure the safety of your drinking water.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safety Drinking Water Hotline (800-426-4791) or visit their website online at www.epa.gov/safewater/sdwa/index.html.

As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and can pick up substances resulting from presence of animals or from human activity. ntaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides (synthetic organic chemicals), which may come from a variety of sources such as agriculture, stormwater runoff, and residential uses. Of the 93 synthetic organic chemicals tested, no contaminates were detected.
- Organic chemicals, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum products, and can also come from gas stations, urban storm water runoff and septic systems. We test for volatile organic chemicals every three years.
- Radioactive contaminants, while unlikely, can be naturally occurring or be the result of oil and gas productions and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water system. No radioactive materials were detected in ney Lake's water.

SPECIAL HEALTH CONCERNS

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons include, but are not limited to, persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, persons with HIV/AIDS or other immune system disorders, and some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their healthcare providers. The EPA/CDC guidelines on appr priate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

The primary sources of disease causing organisms will be from pets, f od, general household cleanliness and personal hygiene. The risks of infection by Cryptosporidium or Giardia are remote, as these organisms are not typically found in ground water sources such as those that supply our system.

CHLORINE DISINFECTION

Chlorine is added to Bonney Lake's water as a disinfectant to protect consumers from possible disease causing microorganisms.

Chlorine Residuals - The state mandates a minimum chlorine residual level of 0.2 parts per million (ppm) throughout the water distribution system. This residual for Bonney Lake water sources ranges from 0.2 up to 0.65 ppm. Tacoma Water Utility uses a surface water source. Due to higher levels of contaminants in surface water, higher levels of chlorine must be used. Tacoma chlorine residual in Bonney Lake is routinely 1.0 ppm.

Chlorine Disinfection By-Products - When chlorine combines with organic material it will form chlorine by-products known as Total Trihalomethanes (TTHM) and Haloacetic Acids (HAA5's) that are regulated by the Washington State Department of Health (DOH). The maximum level permitted for TTHM is 80 parts per billion (ppb) and for HAA5 the maximum level is 60 ppb. The results of testing conducted in 2006 ranged from 0.5 – 62.6 ppb for TTHM and less than 49.7 ppb for HAA5

On occasion, there may be a chlorine odor or temporary milkiness to the water. This is not a health hazard. However, if noticed on a regular basis you can contact the Public Works Operations office at (253) 447-4341 for more information.

CROSS CONNECTION CONTROL

The City of Bonney Lake has implemented a cross connection control program to prevent backflow of contaminated water from a customer's water system into the public water system. A cross connection control device is required if you use water for purposes other than drinking, such as: for a booster system, boilers, yard sprinkler systems, fire sprinkler systems and soft drink dispensing machines. The City requires customers with their water line connected to these other uses to submit, on an annual basis, a report that their device has been tested by a state certified professional.

HOW TO SAVE MONEY ON WATER AND SEWER BILLS

Both Water and Sewer charges are partially based on how much water you use. To save money on both, the following water conservation suggestions are offered for residential customers. It is important to minimize both water consumption quantity and to minimize use of water during peak use periods.

INSIDE THE HOME

- Fill an empty container with water and place it inside the water tank of the toilet, unless using low volume toilets. Then, flush more often, only when needed.
- Use showers instead of tub baths.
- Use flash heaters under the counter of sinks to warm water instamly instead of letting the water run until it is warm.
- Turn dishwashers on when going to bed instead of during peak water use times, when dinners are being prepared.
- Buy flow restrictors to place in shower heads.
- When doing laundry, match the water level to the size of the load.

OUTSIDE THE HOME

- Always use a nozzle on the end of hoses when washing vehicles. Turn nozzle off while washing the vehicle. Turn on to rinse vehicle.
- Limit grass watering to no more than three times a week with 30-minutes per zone.
- Place 3-6 inches of mulch or wood chips on top of all gardens and around trees to keep water from evaporating.
- Wash cars on grassy areas instead of in your driveway. The water will serve two purposes
- Water grass and gardens after the sun goes down or just before sunset. Water will sink into the ground instead of evaporating into the air. One peak demand period is just before and after sunrise. Customers with automated sprinkler systems are strongly encouraged to water lawns in the late evening or early morning instead of when people are waking up.

CITY OF BONNEY LAKE WATER AVAILABILITY

Victor Falls	1,100 gpm
Grainger Springs	1,500 gpm
Ball Park #1	1,000 gpm
Ball Park #2	270 gpm
Tacoma Pt. #2, 4, 6	2,300 gpm
Total Owned By City:	6,170 gpm or 8,884,800 gpd
Tacoma Water Agreement:	2,000,000 gpd

gpm – Gallons Per Minute
gpd – Gallons Per Day

WATER QUALITY ROUNDUP

The 13 items listed below were detected in Tacoma Water's water during 2006.
Not listed are 38 volatile organic chemicals and 85 synthetic organic chemicals including herbicides and pesticides for which we tested that were not detected. Also not listed is coliform, no coliform was detected in 2006. Additional information on all data can be obtained by calling Tacoma Water at 253-502-8392.

SUBSTANCE	HIGHEST LEVEL ALLOWED (MCL*)	HIGHEST LEVEL DETECTED	RANGE OF LEVEL DETECTED OR # EXCEED AL*	IDEAL GOALS (MCLG*)	POTENTIAL SOURCES OF CONTAMINANT
REGULATED AT THE GROUNDWATER SOURCES					
Trichloroethylene	5 ppb*	1.9 ppb	0.0 - 1.9 ppb	0	Time Oil Superfund Site
Nitrate	10 ppm*	3.8 ppm	<0.5 - 3.8 ppm	10 ppm	Agricultural uses, septic
Arsenic	10 ppb	2 ppb	0 - 2 ppb	0	Natural Erosion
UNREGULATED AT THE GROUNDWATER SOURCES					
Chloroform	not regulated	0.06 ppb	0 - 0.06 ppb	not regulated	Environmental contamination
Trichlorofluoromethane	not regulated	3.8 ppb	0 - 3.8 ppb	not regulated	Time Oil Superfund Site
REGULATED AT THE TREATMENT PLANT					
Fluoride	4 ppm	1.00 ppm	0 - 1.00 ppm	0.8 - 1.3	Treatment Additive
Turbidity	5 NTU*	4.21	0.28 - 4.21 NTU	not applicable	Natural Erosion
REGULATED AT THE CONSUMER'S TAP					
Lead	15 ppb AL	60 ppb	5 of 79 sites exceed AL	0	Household Plumbing
Copper	1.3 ppm AL	0.809 ppm	1 of 79 sites exceed AL	1.3 ppm	Household Plumbing
REGULATED IN THE DISTRIBUTION SYSTEM					
Total Trihalomethane	80 ppb average	64.3 ppb	1 - 64.3 ppb	0	Disinfection interaction
Haloacetic Acid	60 ppb average	49.8 ppb	1 - 49.8 ppb	0	Disinfection interaction

SECONDARY CHEMICAL SUBSTANCES

National Secondary Drinking Water Regulations are nonenforceable guidelines regulating contaminants that may cause cosmetic or aesthetic effects such as taste, color, or odor.

SUBSTANCE	HIGHEST LEVEL ALLOWED (MCL*)	HIGHEST LEVEL DETECTED	RANGE OF LEVEL DETECTED OR # EXCEED AL*	IDEAL GOALS (MCLG*)	POTENTIAL SOURCES OF CONTAMINANT
Manganese	0.05 ppm*	0.185 ppm	<0.01 - 0.185 ppm	0	Natural deposits
Iron	0.3 ppm*	0.33 ppm	<0.1 - 0.33 ppm	0	Natural deposits
Sulfate	250 ppm*	20 ppm	<10 - 20 ppm	0	Natural deposits
Sodium	NA*	13.8 ppm	<5 - 13.8 ppm	NA*	Natural deposits

[1] samples taken 2004 resampling of consumers tap with highest detection resulted in 12ppb lead

* DEFINITIONS

Maximum Contaminant Level (MCL):
The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available technology.

Maximum Contaminant Level Goal (MCLG):
The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Note: There is no MCL established for sodium; although the EPA has a recommended level of 20 mg/L for sodium as a level of concern for customers that may be restricted for daily sodium intake in their diets.

Maximum Residual Disinfectant Level (MRDL):

The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Restdual Disinfectant Level Goal (MRDLG):
The level of a drinking water disinfectam below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

ppm - One part per million. ppb - One part per billion. pCi/L - Picocuries per liter

TT - Treatment Technique is a required process intended to reduce the level of a contaminant in drinking water.

NTU - Nephelometric Turbidity Unit is a standard unit to measure water clarity

AL: Action Level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirement which a water system must follow. Action Levels are reported at the 90th percentile for homes at greatest risk.

CITY OF BONNEY LAKE
19306 Bonney Lake Blvd.
P.O. Box 7380
Bonney Lake, WA 98391-9916

Prsrt Std
US Postage
Paid
DATABAR

2007 WATER CONSUMPTION RATES

Inside City Limits:

Winter

0 -10 CCF per month	$1.03
Over 10 CCF per month	$2.05

Winter rates will be reflected on bills covering October 1st through May 31st

Summer

0 -10 CCF per month	$1.03
Over 10 CCF per month	$3.50

Summer rates will be reflected on bills covering June 1st through September 30th

Outside City Limits:

Winter

0 -10 CCF per month	$1.50
Over 10 CCF per month	$2.97

Winter rates will be reflected on bills covering November 1st through June 30th

Summer

0 -10 CCF per month	$1.50
Over 10 CCF per month	$5.08

Summer rates will be reflected on bills covering July 1st through October 31st

Appendix O – Water Facilities Inventory Form

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Washington State Department of Health
Division of Environmental Health
Office of Drinking Water

WATER FACILITIES INVENTORY (WFI) FORM

Quarter: 1
Updated: 12/13/2006
Printed: 10/05/2007
WFI Printed For: Annual
Submission Reason: Annual Update

ONE FORM PER SYSTEM

RETURN TO: Northwest Regional Office, 20435 72nd Ave S STE 200, Kent, WA, 98032

1. SYSTEM ID NO.	2. SYSTEM NAME	3. COUNTY	4. GROUP	5. TYPE
07650 H	BONNEY LAKE WATER DEPARTMENT, CITY	PIERCE	A	Comm

6. PRIMARY CONTACT NAME & MAILING ADDRESS

RICK SHANNON [MANAGER]
PO BOX 7380
BONNEY LAKE, WA 98391

7. OWNER NAME & MAILING ADDRESS — **8. Owner Number** 000575

BONNEY LAKE, CITY OF
NEED PRIMARY CONTACT OWNER TITLE: OWNER ORG - PRIMAR
PO BOX 7380
BONNEY LAKE, WA 98391

STREET ADDRESS IF DIFFERENT FROM ABOVE

ATTN RICK SHANNON
ADDRESS 19306 BONNEY LAKE BLVD
CITY BONNEY LAKE STATE WA ZIP 98391

STREET ADDRESS IF DIFFERENT FROM ABOVE

ATTN
ADDRESS
CITY STATE ZIP

9. 24 HOUR PRIMARY CONTACT INFORMATION		10. OWNER CONTACT INFORMATION	
Primary Contact Daytime Phone:	(253) 862-8602 x323	Owner Daytime Phone:	(253) 862-8602 x323
Primary Contact Mobile/Cell Phone:	(253) 261-5235	Owner Mobile/Cell Phone:	
Primary Contact Evening Phone:	(253) 863-4460	Owner Evening Phone:	
Fax: (253) 447-4330	E-mail: Shannonr@ci.bonney-lake.wa.us	Fax:	E-mail:

WAC 246-290-420(9) requires that water systems provide 24-hour contact information for emergencies.

11. SATELLITE MANAGEMENT AGENCY - SMA (check only one)

- [x] Not applicable (Skip to #12)
- [ ] Owned and Managed
- [ ] Managed Only
- [ ] Owned Only

SMA NAME: SMA Number:

12. WATER SYSTEM CHARACTERISTICS (mark ALL that apply)

- [ ] Agricultural
- [x] Commercial / Business
- [x] Day Care
- [x] Food Service/Food Permit
- [ ] 1,000 or more person event for 2 or more days per year
- [x] Hospital/Clinic
- [ ] Industrial
- [ ] Licensed Residential Facility
- [ ] Lodging
- [ ] Recreational / RV Park
- [x] Residential
- [x] School
- [ ] Temporary Farm Worker
- [x] Other (church, fire station, etc.):

13. WATER SYSTEM OWNERSHIP (mark only one)

- [ ] Association
- [x] City / Town
- [ ] County
- [ ] Federal
- [ ] Investor
- [ ] Private
- [ ] Special District
- [ ] State

14. STORAGE CAPACITY (gallons)

5,850,000

--- SEE NEXT PAGE FOR A COMPLETE LIST OF SOURCES ---

WATER FACILITIES INVENTORY (WFI) FORM - Continued

1. SYSTEM ID NO.	2. SYSTEM NAME	3. COUNTY	4. GROUP	5. TYPE
07650 H	BONNEY LAKE WATER DEPARTMENT, CITY	PIERCE	A	Comm

15. Source Number	16. SOURCE NAME (LIST UTILITY'S NAME FOR SOURCE AND WELL TAG ID NUMBER. Example: WELL #1 XYZ456. IF SOURCE IS PURCHASED OR INTERTIED LIST SELLER'S NAME. Example: SEATTLE)	17. INTERTIE (INTERTIE SYSTEM ID NUMBER)	18. SOURCE CATGORY: WELL	WELL GRP ID	WELL IN A WELLFIELD	SPRING	SPRING FIELD	SPRING IN SPRINGFIELD	SEA WATER	SURFACE WATER	RAINWATER GALLERY	OTHER	19. USE: PERMANENT	SEASONAL	EMERGENCY	20. SOURCE METERED	21. TREATMENT: NONE	CHLORINATION	FILTRATION	FLORIDATION	IRRADIATION (UV)	OTHER	22. DEPTH (DEPTH TO FIRST OPEN INTERVAL IN FEET)	23. CAPACITY (GALLONS PER MINUTE)	24. SOURCE LOCATION: 1/4, 1/4 SECTION	SECTION NUMBER	TOWNSHIP	RANGE
S01	VICTOR FALLS SPRING					X							X			Y		X						1100	SW NW	09	19N	05E
S02	GRAINGER SPRINGS					X							X			Y		X						1500	NE SE	32	20N	05E
S03	InAct 06/01/1989 DELETED		X										X					X					310	1000	SW NW	09	20N	05E
S04	InAct 06/01/1989 DELETED		X											X			X						385	60	SW SW	28	20N	05E
S05	InAct 06/01/1989 DELETED		X											X			X						120	140	SE NW	21	20N	05E
S06	BALL PARK WELL		X										X			Y		X				X	239	1270	SE SE	21	20N	05E
S07	OLD BUCKLEY/214TH AV		X												X		X						85	340	SE NE	34	20N	05E
S08	InAct 06/01/1989 86800/TACOMA	86800 N													X		X							0	SW SE	05	20N	05E
S09	InAct 06/01/1989 DELETED		X												X		X						85	250	SE NE	34	20N	05E
S10	TACOMA PT WELL #2				X								X			Y		X					310	1000	SE SE	05	21N	05E
S11	TACOMA PT WELL #4				X								X			Y		X					312	1200	SE SE	05	21N	05E
S12	TACOMA PT WELLS 2,4,6			X									X			Y		X					301	2300	SE SE	05	21N	05E
S13	TACOMA PT WELL #6				X								X			Y		X					301	1200	SE SE	05	21N	05E

Oct 07 2004 12:06PM City of Bonney Lake (253) 447-4330 p.3

WATER FACILITIES INVENTORY (WFI) FORM - Continued

1. SYSTEM ID NO.	2. SYSTEM NAME	3. COUNTY	4. GROUP	5. TYPE
07650 H	BONNEY LAKE WATER DEPARTMENT, CITY	PIERCE	A	Comm

Lines 25, 29, 35 and 36 are required to be completed (other lines are optional)	ACTIVE SERVICE CONNECTIONS	DOH USE ONLY CALCULATED ACTIVE CONNECTIONS	DOH USE ONLY APPROVED CONNECTIONS
25. SINGLE FAMILY RESIDENCES (How many of the following do you have?)	0	9614	Unspecified
A. Full Time Single Family Residences (Occupied 180 days or *more* per year)	9323		
B. Part Time Single Family Residences (Occupied *less than* 180 days per year)	0		
26. MULTI-FAMILY RESIDENTIAL BUILDINGS (How many of the following do you have?)			
A. Apartment Buildings, condos, duplexes, barracks, dorms	291		
B. Full Time Residential Units in the Apartments, Condos, Duplexes, Dorms that are occupied *more than* 180 days/year	291		
C. Part Time Residential Units in the Apartments, Condos, Duplexes, Dorms that are occupied *less than* 180 days/year	0		
27. NON-RESIDENTIAL CONNECTIONS (How many of the following do you have?)			
A. Recreational Services (Campsites, RV Sites, Spigots, etc.)	110	110	
B. Institutional, Commercial/Business, School, Day Care, Industrial Services, etc.	148	148	
28. TOTAL SERVICE CONNECTIONS		9872	

29. FULL TIME RESIDENTIAL POPULATION	
A. How many residents are served by this system 180 or *more* days per year?	27641

30. PART TIME RESIDENTIAL POPULATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A. How many part-time residents are present each month?												
B. How many days per month are they present?												

31. TEMPORARY & TRANSIENT USERS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A. How many total visitors, attendees, travelers, campers, patients or customers have access to the water system each month?												
B. How many days per month is water accessible to the public?												

32. REGULAR NON-RESIDENTIAL USERS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A. If you have schools, daycares, or businesses connected to your water system, how many students daycare children and/or employees are present each month?	3703	3703	3703	3703	3703	3703			3703	3703	3703	3703
B. How many days per month are they present?	20	18	20	18	20	15			20	22	20	15

33. ROUTINE COLIFORM SCHEDULE Requirement is exception from WAC 246-290	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	30	30	30	30	30	30	30	30	30	30	30	30

35. Reason for Submitting WFI

☐ Update - Change ☐ Update - No Change ☐ Inactivate ☐ Re-Activate ☐ Name Change ☐ New System ☐ Other _____

36. I certify that the information stated on this WFI form is correct to the best of my knowledge.

SIGNATURE: _____ **DATE:** _____

PRINT NAME: _____ **TITLE:** _____

Oct 07 2004 12:08PM City of Bonney Lake (253) 447-4330 p.4

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Appendix P – Consistency Statement Checklist

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Water System Plan and Small Water System Management Program Consistency Statement Checklist

Interim Guidance 11/14/2006

This consistency statement checklist is intended to ensure consistency of water system planning documents and adopted local comprehensive plans and development regulations. The expectation is that each local planning jurisdiction in which the water utility provides service will review the relevant water system planning information and provide a signed consistency statement to the utility for submittal to the Department of Health. If the local planning agency will not respond, the highest authority within the utility (chair of governing body, executive director of private companies, etc.) must sign to verify consistency of the plan information.

Water System Name: **Bonney Lake Water Department** PWS ID: **07650H**

Planning Document Title: **Comprehensive Water System Plan** Plan Date: **December 2007**

Local Planning Jurisdiction: **City of Bonney Lake**

Consistency Statement (Reference Municipal Water Law Section 5 and 8, amendment to chapter 90.03.386 and chapter 43.20 RCW)	Page(s) in Planning Document (completed by utility)	Yes – No – Not Applicable
The service area and land use identified in the water system plan is consistent with the *adopted comprehensive plan and adopted development regulations and policies.*	Fig. 1 & Land Use Fig.	Yes
FOR WATER SYSTEM PLANS ONLY **-** The growth projection used to forecast water demand for the service area is consistent with the adopted city/county's population growth projections (and commercial development projection if applicable). If a different growth projection was used, the alternative growth projection and methodology proposed is acceptable based on explanation given.	Pages 3-5 thru 3-9	Yes
FOR WATER SYSTEM PLANS ONLY **-** New potential large water users (that may have a significant impact on the water system) that the city/county is aware of have been identified in the water system plan.		
FOR CITY-OWNED SYSTEMS ONLY- All policies regarding water service outside the corporate boundaries must be included in the water system plan. These policies are consistent with the adopted *comprehensive plan* and *development regulations.*	Pages 5-5 & 5-7	Yes
WHERE THE LOCAL PLANNING AGENCY IS UNABLE TO SIGN A CONSISTENCY STATEMENT **-** Provide documentation of efforts to coordinate with local agencies with a 60-day timeline for local agency to respond. Include: name of contact, date, type of effort attempted, and response from local agency.		

I certify that the above statements are true to the best of my knowledge and that these statements support the conclusion that the subject planning document is consistent with adopted comprehensive plans, development regulations, and other policies.

Signature 2.14.08 Date

John Woodcock, City Engineer, City of Bonney Lake

Printed Name, Title, & Jurisdiction

****For any issues of inconsistency, please provide comments on how they can be resolved. ****

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Pierce County
Public Works and Utilities

9850 64th Street West
University Place, Washington 98467-1078
(253) 798-4050 Fax (253) 798-4637

Brian J. Ziegler, P.E.
Director
Brian.Ziegler@co.pierce.wa.us

February 12, 2008
U97498

Harley Sandoval, P.E.
RH2 Engineering, Inc.
One Pacific Building
621 Pacific Avenue, Suite 104
Tacoma, WA 98402

RE: City of Bonney Lake Water System Plan (DOH ID #07650) – Pierce County Review Comments for November 2008 Resubmittal

Dear Mr. Sandoval:

Thank you for submitting the revised City of Bonney Lake Water System Plan (WSP) on November 7, 2008. I have reviewed your resubmittal and find that it is not inconsistent with the County's Comprehensive Plan, growth projections, and Coordinated Water System Plan (CWSP). A Consistency Statement, signed by the County, is attached for your use. A signed copy of the Standard Service Agreement is also enclosed for your records. In addition, I will utilize the water service area (WSA) map dated 10/31/08, which was included in your resubmittal, as the attachment for the signed Standard Service Agreement. We will adjust our GIS data to reflect the changes depicted in the 10/31/08 WSA map.

Should you have any questions please contact me directly at 253.798.6169 or at kbrooks@co.pierce.wa.us.

Sincerely,

Katherine Brooks
Senior Planner – Water Utility

Printed on recycled paper

Water System Plan and Small Water System Management Program Consistency Statement Checklist

Interim Guidance 11/14/2006

This consistency statement checklist is intended to ensure consistency of water system planning documents and adopted local comprehensive plans and development regulations. The expectation is that each local planning jurisdiction in which the water utility provides service will review the relevant water system planning information and provide a signed consistency statement to the utility for submittal to the Department of Health. If the local planning agency will not respond, the highest authority within the utility (chair of governing body, executive director of private companies, etc.) must sign to verify consistency of the plan information.

Water System Name: **Bonney Lake Water Department** PWS ID: **07650H**

Planning Document Title: **Comprehensive Water System Plan** Plan Date: **July 2005**

Local Planning Jurisdiction: **Pierce County**

Consistency Statement (Reference Municipal Water Law Section 5 and 8, amendment to chapter 90.03.386 and chapter 43.20 RCW)	Page(s) in Planning Document (completed by utility)	Yes – No – Not Applicable
The service area and land use identified in the water system plan is consistent with the *adopted comprehensive plan and adopted development regulations and policies.*	Fig. 1 & Fig. 4	Y
FOR WATER SYSTEM PLANS ONLY - The growth projection used to forecast water demand for the service area is consistent with the adopted city/county's population growth projections (and commercial development projection if applicable). If a different growth projection was used, the alternative growth projection and methodology proposed is acceptable based on explanation given.	Pages 3-5 thru 3-9	Y
FOR WATER SYSTEM PLANS ONLY - New potential large water users (that may have a significant impact on the water system) that the city/county is aware of have been identified in the water system plan.		
FOR CITY-OWNED SYSTEMS ONLY- All policies regarding water service outside the corporate boundaries must be included in the water system plan. These policies are consistent with the adopted *comprehensive plan* and *development regulations.*	Pages 5-5 & 5-6	Y
WHERE THE LOCAL PLANNING AGENCY IS UNABLE TO SIGN A CONSISTENCY STATEMENT - Provide documentation of efforts to coordinate with local agencies with a 60-day timeline for local agency to respond. Include: name of contact, date, type of effort attempted, and response from local agency.		

I certify that the above statements are true to the best of my knowledge and that these statements support the conclusion that the subject planning document is consistent with adopted comprehensive plans, development regulations, and other policies.

Katherine Brooks 2/12/09

Signature Date

Katherine Brooks, Senior Planner-Water Utility, Pierce County PW

Printed Name, Title, & Jurisdiction

****For any issues of inconsistency, please provide comments on how they can be resolved. ****

D. Retail Service Area shall mean the designated geographical area within Pierce County in which the undersigned water purveyor assumes full responsibility for providing water service to individual customers.

E. Utility Service Policies shall mean those policies and conditions of service that are attached to the provision of water service for individual customers. The identified policies and conditions of service are those conditions incorporated within the water purveyor's water system improvement and expansion plans required under the provisions of the Public Water Systems Coordination Act and DOH.

Section 2. Lead Agency. The lead agency for administering the Pierce County Water Utility service area agreements shall be the Pierce County Department of Public Works and Utilities unless otherwise established by the Pierce County Executive. The lead agency shall function only as a coordination center. The lead agency will maintain the original documents and will be responsible for updating the water system map and agreements as provided for in the CWSP.

Section 3. Authority The authority for this Agreement is granted by the Public Water Systems Coordination Act of 1977, Chapter 70.116 RCW.

Section 4. Service Area Boundaries. The undersigned Water Purveyor acknowledges that the Pierce County Water Service Area Maps identifying its retail service area boundaries, dated October 31, 2008 and included as Attachment A to this Agreement, identify the Water purveyor's present and future service area. The undersigned further acknowledges that there are no service area conflicts with an adjacent water utility or purveyor, or, if such a conflict exists, agrees that no new water service will be extended within disputed areas except as stipulated in an adjudication by DOH.

This agreement shall apply to service areas existing as of August, 1994, and to the service area boundaries identified in the above referenced maps, or as shown on current revisions thereof, provided that no revisions of service areas shown on these maps shall be made without prior written concurrence of the water utilities/purveyors involved and such written concurrence is filed with the Lead Agency. Revisions may also require an amendment to the purveyor's or utility's service plans.

Section 5. Boundary Adjustments. If, at some time in the future it is in the best interest of the undersigned parties to make service area boundary adjustments, such modifications must be by written concurrence of all involved utilities and the proper legislative authority(ies), and must be noted and filed with the designated Pierce County lead agency and DOH. It is understood by the undersigned utility that it may decline to provide service within its designated service area boundary, but in that case, an applicant may be referred to other adjacent purveyors or utilities or a new utility may be created and the original service area boundary will be adjusted accordingly.

Section 6. System Extension Policies. The undersigned utility agrees that in order to expand its existing water service area, (other than by addition of retail customers to existing water mains), or to serve in the capacity of a pre-qualified satellite system management agency (SSMA), it shall have adopted design standards and Utility Service extension policies. The design standards shall meet or exceed the Pierce County Water System Minimum Standards and Specifications.

WATER SERVICE AREA AND ADJACENT SYSTEMS MAP
ATTACHMENT A

Water System Plan and Small Water System Management Program Consistency Statement Checklist

Interim Guidance 11/14/2006

This consistency statement checklist is intended to ensure consistency of water system planning documents and adopted local comprehensive plans and development regulations. The expectation is that each local planning jurisdiction in which the water utility provides service will review the relevant water system planning information and provide a signed consistency statement to the utility for submittal to the Department of Health. If the local planning agency will not respond, the highest authority within the utility (chair of governing body, executive director of private companies, etc.) must sign to verify consistency of the plan information.

Water System Name: **Bonney Lake Water Department** PWS ID: **07650H**

Planning Document Title: **Comprehensive Water System Plan** Plan Date: **November 2007**

Local Planning Jurisdiction: **City of Sumner**

Consistency Statement (Reference Municipal Water Law Section 5 and 8, amendment to chapter 90.03.386 and chapter 43.20 RCW)	Page(s) in Planning Document (completed by utility)	Yes – No – Not Applicable
The service area and land use identified in the water system plan is consistent with the *adopted comprehensive plan and adopted development regulations and policies.*	Fig. 1 & Fig. 4	Yes
FOR WATER SYSTEM PLANS ONLY - The growth projection used to forecast water demand for the service area is consistent with the adopted city/county's population growth projections (and commercial development projection if applicable). If a different growth projection was used, the alternative growth projection and methodology proposed is acceptable based on explanation given.	Pages 3-3 thru 3-9	Yes
FOR WATER SYSTEM PLANS ONLY - New potential large water users (that may have a significant impact on the water system) that the city/county is aware of have been identified in the water system plan.		Yes
FOR CITY-OWNED SYSTEMS ONLY- All policies regarding water service outside the corporate boundaries must be included in the water system plan. These policies are consistent with the adopted *comprehensive plan* and *development regulations.*	Pages 5-5 & 5-7	Yes
WHERE THE LOCAL PLANNING AGENCY IS UNABLE TO SIGN A CONSISTENCY STATEMENT - Provide documentation of efforts to coordinate with local agencies with a 60-day timeline for local agency to respond. Include: name of contact, date, type of effort attempted, and response from local agency.		N/A

I certify that the above statements are true to the best of my knowledge and that these statements support the conclusion that the subject planning document is consistent with adopted comprehensive plans, development regulations, and other policies.

William J. Shoemaker — January 2, 2008

Signature — Date

William J. Shoemaker Public Works Director

Printed Name, Title, & Jurisdiction

****For any issues of inconsistency, please provide comments on how they can be resolved. ****

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Water System Plan and Small Water System Management Program Consistency Statement Checklist

Interim Guidance 11/14/2006

This consistency statement checklist is intended to ensure consistency of water system planning documents and adopted local comprehensive plans and development regulations. The expectation is that each local planning jurisdiction in which the water utility provides service will review the relevant water system planning information and provide a signed consistency statement to the utility for submittal to the Department of Health. If the local planning agency will not respond, the highest authority within the utility (chair of governing body, executive director of private companies, etc.) must sign to verify consistency of the plan information.

Water System Name: **Bonney Lake Water Department** PWS ID: **07650H**

Planning Document Title: **Comprehensive Water System Plan** Plan Date: **November 2007**

Local Planning Jurisdiction: **City of Auburn**

Consistency Statement (Reference Municipal Water Law Section 5 and 8, amendment to chapter 90.03.386 and chapter 43.20 RCW)	Page(s) in Planning Document (completed by utility)	Yes – No – Not Applicable
The service area and land use identified in the water system plan is consistent with the *adopted comprehensive plan and adopted development regulations and policies.*	Fig. 1 & Land Use Fig.	yes
FOR WATER SYSTEM PLANS ONLY - The growth projection used to forecast water demand for the service area is consistent with the adopted city/county's population growth projections (and commercial development projection if applicable). If a different growth projection was used, the alternative growth projection and methodology proposed is acceptable based on explanation given.	Pages 3-5 thru 3-9	yes
FOR WATER SYSTEM PLANS ONLY - New potential large water users (that may have a significant impact on the water system) that the city/county is aware of have been identified in the water system plan.		
FOR CITY-OWNED SYSTEMS ONLY- All policies regarding water service outside the corporate boundaries must be included in the water system plan. These policies are consistent with the adopted *comprehensive plan* and *development regulations.*	Pages 5-5 & 5-7	yes
WHERE THE LOCAL PLANNING AGENCY IS UNABLE TO SIGN A CONSISTENCY STATEMENT - Provide documentation of efforts to coordinate with local agencies with a 60-day timeline for local agency to respond. Include: name of contact, date, type of effort attempted, and response from local agency.		

I certify that the above statements are true to the best of my knowledge and that these statements support the conclusion that the subject planning document is consistent with adopted comprehensive plans, development regulations, and other policies.

Elizabeth F Chamberlain
Signature

12-18-07
Date

Elizabeth F. Chamberlain, Senior Planner, City of Auburn
Printed Name, Title, & Jurisdiction

****For any issues of inconsistency, please provide comments on how they can be resolved. ****

CITY OF AUBURN WASHINGTON

Peter B. Lewis, Mayor

25 West Main Street * Auburn WA 98001-4998 * www.auburnwa.gov * 253-931-3000

December 24, 2007

MR. HARLEY SANDOVAL, STAFF ENGINEER
RH2 ENGINEERING
ONE PACIFIC BUILDING
621 PACIFIC AVENUE, SUITE 104
TACOMA, WA 98402

Re: Updated Consistency Checklist for Bonney Lake's Water Comprehensive Plan

Dear Mr. Sandoval:

Thank you for the opportunity to review the changes to the Land Use Chapter of the City of Bonney Lake Water System Comprehensive Plan. The consistency checklist has been signed and is attached to this letter.

Thank you again and if there are any questions or you need additional information, please contact me at 253-931-3092 or by email at echamberlain@auburnwa.gov

Sincerely,

Elizabeth Chamberlain

Elizabeth Chamberlain
Principal Planner

enclosure

cc: Dan Repp, Utilities Engineer, City of Auburn (w/enclosure)

Water System Plan and Small Water System Management Program Consistency Statement Checklist

Interim Guidance 11/06/2003

This consistency statement checklist is intended to ensure consistency of water system planning documents and adopted local comprehensive plans and development regulations. The expectation is that each local planning jurisdiction in which the water utility provides service will review the relevant water system planning information and provide a signed consistency statement to the utility for submittal to the Department of Health. If the local planning agency will not respond, the highest authority within the utility (chair of governing body, executive director of private companies, etc.) must sign to verify consistency of the plan information.

Water System Name: **Bonney Lake Water Department** PWS ID: **07650H**

Planning Document Title: **Comprehensive Water System Plan** Plan Date: **November 2007**

Local Planning Jurisdiction: **Pierce County**

Consistency Statement (Reference Municipal Water Law Section 5 and 8, amendment to chapter 90.03.386 and chapter 43.20 RCW)	Page(s) in Planning Doc ment (completed by utility)	Yes – No – Not Applicable
The service area and land use identified in the water system plan is consistent with the *adopted comprehensive plan and adopted development regulations and policies.*	Fig. 1 & Fig. 4	
FOR WATER SYSTEM PLANS ONLY - The growth projection used to forecast water demand for the service area is consistent with the adopted city/county's population growth projections (and commercial development projection if applicable). If a different growth projection was used, the alternative growth projection and methodology proposed is acceptable based on explanation given.	Pages 3-3 thru 3-9	
FOR WATER SYSTEM PLANS ONLY - New potential large water users (that may have a significant impact on the water system) that the city/county is aware of have been identified in the water system plan.		
FOR CITY-OWNED SYSTEMS ONLY - All policies regarding water service outside the corporate boundaries must be included in the water system plan. These policies are consistent with the adopted *comprehensive plan* and *development regulations.*	Pages 5-5 & 5-7	
WHERE THE LOCAL PLANNING AGENCY IS UNABLE TO SIGN A CONSISTENCY STATEMENT - Provide documentation of efforts to coordinate with local agencies with a 60-day timeline for local agency to respond. Include: name of contact, date, type of effort attempted, and response from local agency.		

I certify that the above statements are true to the best of my knowledge and that these statements support the conclusion that the subject planning document is consistent with adopted comprehensive plans, development regulations, and other policies.

Signature Date

Printed Name, Title, & Jurisdiction

****For any issues of inconsistency, please provide comments on how they can be resolved. ****

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Appendix Q – DOH Correspondence

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STATE OF WASHINGTON
DEPARTMENT OF HEALTH
20435 72nd Ave. S., Suite 200, K17-12• Kent, Washington 98032 -2358

February 23, 2009

RICK SHANNON
CITY OF BONNEY LAKE
PO BOX 7380
BONNEY LAKE WA 98391

RECEIVED BOTHELL
RH2 ENGINEERING INC.
JOB NO:_____
FEB 26 2009
ROUTE TO: HS
FILE:_____

RE: Bonney Lake Water Department, City of, ID# 07650
Pierce County
Water System Plan – 2005, APPROVAL
Submittal # 05-0705

Dear Mr. Shannon:

The City of Bonney Lake Water System Plan (WSP), received in this office on July 11, 2005 with subsequent submittals on July 12, 2008, and November 10, 2008 has been reviewed and in accordance with the provisions of WAC 246-290-100, is hereby APPROVED.

Based upon information you have supplied, it has been determined that the City of Bonney Lake Water System can support an "unspecified" designation for its approved number of connections. A specific number of approved connections will not be applied to your system at this time. Development within your system may occur in compliance with the schedule and information provided within your WSP. This designation may be rescinded (and replaced with a specified number of approved connections) if it is determined that the WSP is no longer representative of system activities.

This WSP meets local government consistency requirements for WSP approval pursuant to RCW 90.03.386, RCW 43.20.

Passage of the Municipal Water Law in 2003 created a new significance to your service area through two avenues: connection of the service area to your system's water rights and a duty to serve responsibility. Per RCW 90.03.386 (2), the service area identified in your WSP now represents your water right "place of use". Changes in your service area should be made through the WSP amendment.

Per RCW 43.20.260, your system now has a duty to serve retail connections within its retail service area. This WSP has incorporated information that identifies the procedures and processes you have put into place to ensure that your system can provide timely and reasonable service within your retail service area.

Standard Construction Specifications for distribution main extensions have been approved as part of this water system plan. With this approval and consistent with WAC 246-290-125(2) the City of Bonney Lake may elect to proceed with the installation of distribution main extensions provided that the City of Bonney Lake maintains on file completed construction completion reports (a copy of which is attached) in accordance with WAC 246-290-125 (2) and WAC 246-290-120 (5) and makes it available for review upon request by the department.

Approval of the update of this water system plan is required on or before February 23, 2014 unless the Department of Health (DOH) requests an update or plan amendment pursuant to WAC 246-290-100(9). Approval of this plan is valid as it relates to current standards outlined in Chapter 246-290 WAC, revised July 2008, Chapter 246-293 WAC, revised September 1997, Chapter 70.116 RCW, The Pierce County Coordinated Water System Plan, and the requirements of the Municipal Water Law (SESSHB 1338), effective September 9, 2003, and is subject to the qualifications herein. Future revisions in the rules and statutes may be more stringent and require facility modification or corrective action.

Below is the general regulatory language that applies to all water system approvals.

This approval does not provide any guarantee and should not be considered to provide any guarantee concerning legal use of water or subsequent water rights decisions by the Department of Ecology. This Department of Health approval of your WSP does not affect any uncertainties or deficiencies regarding your water rights or the resolution of those uncertainties or deficiencies. Depending on Ecology's future actions on your water rights, additional planning or other submittals may be required by the Department of Health. Questions concerning water rights should be directed to the Department of Ecology.

DOH recognizes the significant effort and resource commitment involved in the preparation of your WSP document. Thank you for your cooperation. If you have any questions or wish to check our records, please contact either of us at the numbers listed below.

Sincerely,

Richard Rodriguez
Regional Planner
(253) 395-6771

John Ryding, PE
Regional Engineer
(253) 395-6757

Enclosure

cc: Katherine Brooks, Pierce County Dept. of Public Works
Gary Porter, Tacoma Pierce County Health
Amy Nielson, Department of Ecology, SWRO
Harley Sandoval, P.E., RH2 Engineering, Inc.

CONSTRUCTION COMPLETION REPORT FOR DISTRIBUTION MAIN PROJECTS

In accordance with WAC 246-290-120(5), a *Construction Completion Report* is required for all construction projects. Under the submittal exception process for distribution main projects, designed by a professional engineer but not submitted to DOH for approval, the report does not need to be submitted. **However, the purveyor must keep the Construction Completion Report on file and make it available for review upon request by DOH in accordance with WAC 246-290-125 (2)(b).** Furthermore:

(1) The report form must bear the seal, date and signature of a professional engineer (PE) licensed in the state of Washington; and

(2) Per WAC 246-290-120(5)(c), the amount of change in the physical capacity of a system must be documented, if the project results in a change in physical capacity.

BONNEY LAKE WATER DEPARTMENT, CITY
Name of Water System

DOH System ID No.: 07650

RICK SHANNON
Name of Purveyor (Owner or System Contact)

Date Water System Plan that includes Standard Construction Specifications

PO BOX 7380
Mailing Address

Date Standard Specifications Approved by DOH:

BONNEY LAKE, WA 98391
City State Zip

PROJECT NAME AND DESCRIPTIVE TITLE:
(Include the name of any development project and number of services.)

Date Project or Portions Thereof Completed

PROFESSIONAL ENGINEER'S ACKNOWLEDGMENT

The undersigned professional engineer (PE), or his/her authorized agent, has inspected the above-described project that, as to layout, size and type of pipe, valves and materials, and other designed physical facilities, has been constructed and is substantially completed in accordance with construction documents reviewed by the purveyor's engineer. In the opinion of the undersigned engineer, the installation, physical testing procedures, water quality tests, and disinfection practices were carried out in accordance with state regulations and principles of standard engineering practice.

I have reviewed the disinfection procedures, pressure test results, and results of the bacteriological test(s) for this project and certify that they comply with the requirements of the construction standards/specifications approved by DOH.

P.E.'s Seal

Date Signed

Name of Engineering Firm

Name of PE Acknowledging Construction

Mailing Address

City State Zip

Engineer's Signature

State/Federal Funding Type (if any) _____

Please keep a completed, signed, and stamped copy on file.

☒ **NWRO Drinking Water**
Department of Health
20435 72nd Ave. S, Ste 200
Kent, WA 98032-2358
(253) 395-6750

☐ **SWRO Drinking Water**
Department of Health
PO Box 47823
Olympia, WA 98504-7823
(360) 236-3030

☐ **ERO Drinking Water**
Department of Health
1500 W. Fourth Ave, Suite 305
Spokane, WA 99201
(509) 456-3115

For persons with disabilities, this document is available on request in other formats. To submit a request, please call 1-800-525-0127 (TTY 1-800-833-6388).

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Water System Plan Submittal Form

This form is required to be submitted along with the Water System Plan (WSP). It will serve to expedite review and approval of your WSP. WSPs will not be reviewed until submittal form and checklist are completed.

1) SYSTEM NAME	2) SYSTEM ID #	3) SYSTEM OWNER	
4) CONTACT NAME FOR UTILITY	PHONE NUMBER	TITLE	
ADDRESS	CITY	STATE	ZIP
5) PROJECT ENGINEER	PHONE NUMBER	TITLE	
ADDRESS 12100 NE 195th Street Suite 100	CITY Bothell	STATE WA	ZIP 98011

6. How many services are presently connected to the system? _____
7. Is the system expanding? (seeking to extend service area or increase number of approved connections) ☐ Yes ☐ No
8. If number of services is expected to increase, how many new connections are proposed in the next six years? _____
9. If the system is private-for-profit, is it regulated by the State Utilities and Transportation Commission? N/A ☐ Yes ☐ No
10. Is the system located in a Critical Water Supply Service Area? ☐ Yes ☐ No
11. Is the system a customer of a wholesale water purveyor? ☐ Yes ☐ No
12. Will the system be pursuing additional water rights from the State Department of Ecology in the next 10 years? ☐ Yes ☐ No
13. Is the system proposing a new intertie? ☐ Yes ☐ No
14. Do you have project(s) currently under review by Department of Health? ☐ Yes ☐ No
15. Are you requesting distribution main project report and construction document submittal exception, and if so, does the WSP contain standard construction specifications for distribution mains? ☐ Yes ☐ No
16. Are you requesting distribution related project report and construction document submittal exception, and if so, does the WSP contain distribution facilities design and construction standards, including internal engineering review procedures? ☐ Yes ☐ No
17. Have you sent copies of the draft WSP to adjacent purveyors and the County for their review and comment? ☐ Yes ☐ No

    If yes, list adjacent utilities/entities that have received a copy of the draft WSP

18. Is this plan an: ☐ Initial Submittal ☐ Revised Submittal

Please enclose the following number of copies of the WSP:

- 3 copies for Department of Health review.
- 1 additional copy if you answered "YES" to question 9

_____ Total Copies

WSP Checklist

	Content Description	*Must Be Submitted (√)	(Page #) in WSP
Chapter 1	**Description of Water System**		
	• Ownership and Management	(√)	
	• System History and Background	(√)	
	• Inventory of Existing Facilities	(√)	
	• Related Plans (e.g., CWSP, local land use plans)	(√)	
	• Service Area and Characteristics	(√)	
	• Agreement (signed in accordance with CWSP)	( )	
	• Map	(√)	
	• Service Area Policies (Including SMA policy and conditions of service)	(√)	
Chapter 2	**Basic Planning Data**		
	• Current Population, Number of Service Connections, and ERUs	(√)	
	• Current Water Use and Data Reporting	(√)	
	• Current and Future Land Use	(√)	
	• Future Population and Number of Service Connections and ERUs (6 and 20 years)	(√)	
	• Future Water Use (Demand forecast for 6 and 20 years)	(√)	
Chapter 3	**System Analysis**		
	• System Design Standards	(√)	
	• Water Quality Analysis	(√)	
	• System Inventory, Description and Analysis	(√)	
	• Source	(√)	
	• Treatment	( )	
	• Storage	(√)	
	• Distribution System/Hydraulics	(√)	
	• Summary of System Deficiencies	(√)	
	• Analysis of Possible Improvement Projects	(√)	
Chapter 4	**Conservation Program and Source of Supply Analysis**		
	• Conservation Program	(√)	
	• Water Right Assessment	(√)	
	• Source of Supply Analysis and evaluation of supply alternatives	( )	
	• Water Supply Reliability Analysis With Water Shortage Response Plan	(√)	
	• Interties	( )	
Chapter 5	**Source Water Protection** (Check One or Both)		
	• Wellhead Protection Program	( )	
	• Watershed Control Program	( )	
Chapter 6	**Operation and Maintenance Program**		
	• Water System Management and Personnel	(√)	
	• Operator Certification	(√)	
	• Routine Operating Procedures, Preventive Maintenance and Record Keeping	(√)	
	• Water Quality Sampling Procedures (Comprehensive Monitoring Plan)	(√)	
	• Coliform Monitoring Plan	(√)	
	• Emergency Response Program	(√)	
	• Safety Procedures	(√)	
	• Cross-Connection Control Program	(√)	
	• Service Reliability in accordance with WAC 246-290-420	( )	
Chapter 7	**Distribution Facilities Design and Construction Standards**		
	• Standard Construction Specification for Distribution Mains	( )	
	• Design and Construction Standards for distribution Related Projects	( )	
Chapter 8	**Improvement Program**		
	• Capital Improvement Schedule (6 and 20 years)	(√)	
Chapter 9	**Financial Program**		
	• Summary of past income and expenses	(√)	
	• Balanced Operating Budget (1 year if >1,000 connections / 6 year if < 1,000 connections)	(√)	
	• Demonstration of revenue and cash flow stability to fund CIP and emergency improvements	(√)	
	• Rate Structure that considers affordability of rates and water conservation	(√)	
	• Systems < 1,000 connections may do DOH Financial Viability Test to complete above reqs.	( )	
	• UTC Financial Viability and Feasibility Test (for UTC regulated systems)	( )	
Chapter 10	**Miscellaneous Documents**		
	• For Community Systems, Meeting of the Consumers (date and description)	( )	
	• County/Adjacent Utility Correspondence	(√)	
	• Documentation of State Environmental Policy Act (SEPA) Compliance	( )	
	• Agreements	( )	
	• Satellite Management Program	( )	

* Requirement will be determined at the pre-plan conference.

Appendix R – Standard Forms

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Extension of Water Improvements to System

Public Works Application

Applicant Name: _____ **Application Date:** _____

Applicant Address: _____ **Phone Number:** _____

_____ **Fax Number:** _____

E-mail Address: _____

Project Location: _____
Attach vicinity map.

Project Description: _____
Include number of
Connections and Fire
Flow needed.

_____

_____

Parcel Number(s): _____

Legal Description: _____

_____

Irrigation Required? Y N **Number & Size of Irrigation Services Requested** _____

Irrigation Area Sq. Ft. _____
Do not include irrigation sq. ft. for Single Family residence.

Will the extension serve other property? Y N

If yes, is a cost recovery agreement desired? Y N
If yes, this agreement will be held until the Latecomer Agreement is negotiated.

Proposed Connection Routing:
Please provide your preferred connection routing. The City of Bonney Lake will review and determine the diameter of water mains, the number of connection points and special facility requirements.

Do not write below this line. For official use only.

This application is: Approved Disapproved Pending Approved with conditions

Comments:

_____ _____

Public Works Director Date

WATER DEVELOPERS AGREEMENT

PUBLIC WORKS DEPARTMENT

THIS AGREEMENT, by and between the City of Bonney Lake, a municipal corporation, hereinafter referred to as "City", and _____, hereinafter referred to as "Developer".

WITNESSETH: That whereas the City of Bonney Lake, a municipal corporation, provides WATER service within the corresponding WATER service area boundary, and the above-named Developer is preparing to construct a WATER system, or additions thereto, and said development requires the City's WATER service.

WHEREFORE, THE PARTIES AGREE AS FOLLOWS:

I. Developer agrees to design and/or construct the WATER system, or additions thereto, to be connected to the City's WATER lines, and to maintain such additions until such time as the improvements are accepted by the City, with the agreements conditioned as set forth below. The WATER system, or additions thereto, shall be located within that area commonly referred to as _____., which property is described in Exhibit "A" attached hereto and referred to hereinafter as "Premises".

II. As a condition precedent to City obligations under this agreement, the Developer shall design and/or construct the proposed WATER system, or additions thereto, within said premises in conformance with the City's "Development Policies and Public Works Standards", as adopted (and by reference made a part hereof), together with any City approved amendments thereto made, and further to conform with the City's comprehensive WATER plan, which agreement shall include oversizing of WATER mains as may be identified in the City's adopted WATER comprehensive plan or as approved by the City Engineer. As an additional condition to the City obligations under this agreement the developer shall:

A. Apply for irrigation meters separate from residential meters where the irrigation serves common areas or more than one single-family residence.

B. The applicant shall submit landscaping and irrigation plans for review and employ the best management practices available for the efficient use of water.

III. The developer agrees that the construction of the WATER system, or additions thereto, shall not commence until the following conditions have been fulfilled:

A. The developer shall furnish the City with three (3) sets of detailed plans for the water system, or additions thereto, at Developer's own expense, prepared by a qualified engineer licensed in the State of Washington.

B. The above plans shall require the review and approval by the City and its Engineer, and the cost of such review shall be at the Developer's own expense.

C. Minimum requirements for all plans for WATER system, or additions thereto, submitted to the City for review are:

1. Three (3) sets of plans and documents shall be submitted, wherein one (1) set will be returned to the applicant. Additional sets may be required by the City.

2. A preliminary plat of the area in which said WATER system, or additions thereto, are to be constructed, which plat has been approved by the City, or County as applicable.

3. A map showing the location of the plat in relation to the surrounding area.

4. A contour map of the plat with contour intervals of two feet or less.

5. A map showing the location and depth of all proposed utilities and any connections and/or interconnections to existing facilities or future extensions and connections.

6. A 1" = 50' plan of the water system showing streets, lot lines, dimensions, and location of bench marks and monuments for the proposed plat, together with an indication of the development of the adjacent property.

7. A profile 1" = 50' horizontal and 1" = 5' vertical of the finished road grades with the water system and other pertinent underground utilities located, with elevations noted thereon. The elevation datum shall be the same as used by the City. It shall be the responsibility of the Developer to confirm such datum with the City.

8. Full-sized detail sheets shall be included as part of the construction drawings, as required to clearly indicate the details for all of the water system, or additions thereto, to be constructed, consistent with City standards.

9. Specifications sufficient to fully describe the work, consistent with City's "Development Policies and Public Works Design Standard".

10. Approvals from all regulatory agencies.

D. Construction requirements in addition to the City standards and details for developer extensions, as adopted, are as follows:

1. Unless otherwise approved in writing, by the City, all streets and/or roadways shall be graded to within six inches of final grade before installation of WATER improvements.

2. All lots shall be fully staked to assist all parties involved in the proper location of the WATER system including services.
3. All hydrants and valves shall be fully staked in the field and reviewed and approved by the City prior to installation of same. Adjustments to "approval construction drawings" may be warranted and required by the City, based on actual local field conditions.

4. All contractors and subcontractors shall have a current Washington State Contractors License.

5. The Developer's WATER system, or additions thereto, on Premises shall not be connected to the City WATER system until authorized by the City, and such connection shall be performed under the supervision and direction of the City.

E. For the purpose of applying RCW 4.24.115 to this Contract, the Developer and the City agree that the term "damages" applies only to the finding in a judicial proceeding and is exclusive of third party claims for damages preliminary thereto.

The Developer agrees to indemnify and hold harmless the City from all claims for damages by third parties, including costs and reasonable attorney's fees in the defense of claims for damages, arising from performance of the Developer's express or implied obligations under this Agreement. The Developer waives any right of contribution against the City.

It is agreed and mutually negotiated that in any and all claims against the City or any of its agents or employees by any employee of the Developer, any contractor or subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation hereunder shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Developer or any contractor or Subcontractor under Workman's Compensation Acts, disability benefits acts or other employees' benefit acts. The City and the Developer agree that all third party claims for damages against the City for which the Developer's insurance carrier does not accept defense of the City may be tendered by the City by the Developer who shall, if so tendered by the City, accept and undertake to defend or settle with the Claimant. The City retains the right to approve claim investigation and counsel assigned to said claim and all investigation and legal work product regarding said claim shall be performed under a fiduciary relationship to the City. In the event that the City agrees or a court finds that the claim arises from the sole negligence of the City, this indemnification shall be void and the City shall be responsible for all damages payable to the third party claimant. In the event that the City and the Developer agree or a court finds that the claim arises from or includes negligence of both the Developer and the City, the Developer shall be responsible for all damages payable by the Developer to the third party claimant under the court findings, and, in addition thereto, the Developer shall hereunder indemnify the City for all damages paid or payable to the City under the court findings in an amount not to exceed the percentage of total fault attributable to the Developer. For example, where the Developer is 25%

negligent, the Developer shall not be required to indemnify the City for any amount in excess of 25% of the claimant's total damages.

F. In the event the Developer in his operation damages or disrupts existing improvements, the repairs shall be made at the Developer's expense. In the event they are so damaged or the service disrupted and the Developer fails or is unable to immediately restore the service, then the Owners of the improvements may cause the repairs to be made by others and all costs for the same shall be at the Developer's own expense.

Where the construction crosses or is adjacent to existing utilities, the Developer shall exercise extreme care to protect such utilities from damage.

If any damage is done to an existing utility, the Developer shall notify the utility company involved who will dispatch a crew to repair the damage at the Developer's expense. All costs for the same shall be at the Developer's own expense.

The Developer shall be aware that some existing WATER facilities are known to contain asbestos cement pipe. The Developer shall conduct all work related to existing asbestos cement pipe in strict accordance with WISHA safety regulations and provisions contained within WAC 296-62077. All costs related to work in compliance with established rules and regulations shall be the responsibility of the Developer. Demolition of existing, asbestos cement pipe, if required, will be permitted only after the proper permits are obtained from the Puget Sound Air Pollution Control Agency. The Developer shall be responsible for all associated fees and permits required for asbestos removal and disposal. Work crews shall be provided with proper protective clothing and equipment. Hand tools shall be used, and the asbestos cement pipe shall be scored and broken in lieu of the sawing or other methods which release fibers into the atmosphere. Waste asbestos pipe shall be buried in the trench. Asbestos pipe to be abandoned in – place shall not be disturbed, except as noted herein, and shall remain in its original position.

The Developer is cautioned that all existing drainage systems, whether open ditch, buried pipe, or drainage structures, are not on record. It shall be the responsibility of the Developer to repair or replace all such systems found during construction, which are damaged by the Developer's construction in a manner which is satisfactory to the City.

Where the Developer is allowed to use private property adjacent to the work, the property so used shall be returned to its original or superior condition. The Developer shall make all arrangements in advance with such property owners, to insure that no conflicts will ensue after the property is restored as described above. The Developer will be required to furnish the City with a written release from said private property owners, if the City deems it to be necessary to obtain such document.

IV. The construction, of the Developer's WATER system, or additions thereto, on the Premises shall be supervised by the City in such a manner and at such times as the City deems reasonably necessary to assure that construction of the system will conform with the above-mentioned plans and specifications. The Developer herewith

agrees to allow such inspections and agrees to cooperate providing reasonable advance notice on his construction schedule during, the various construction phases as requested by the City.

V. The Developer further agrees to deposit an estimated amount of money to cover the City's expected review fees and construction supervision expenses incurred plus 10% administrative costs, for such supervision. The City will pay for these bills out of the monies deposited. If the amount of money on deposit is depleted or reduced such that there is inadequate coverage for expected expenses, the City will stop work until the deposit account is adequate to cover expected expenses. Any accrued interest will be to the benefit of the City.

VI. The Developer's WATER system, or additions thereto, on Premises shall not be accepted for service and use until the same have been fully inspected and approved, and the following requirements have been performed:

A. Submit to the City in Auto-CADD format, latest revision (unless otherwise approved by the City), the computer file supplied on a three and one half (3-1/2) inch disc accompanied by the original mylars, with all changes from the original design clearly marked to reflect the as-built conditions. The Developer's Engineer shall certify the accuracy of the record drawings and shall affix his seal and signature.

B. Payment of all permit fees and equivalent assessment changes and any other applicable City charges required for Premises.

C. Payment of all plan check and inspection fees.

D. Prepare and furnish the required easements in compliance with the City's standard form, and furnish same to the City for approval by the City Attorney, prior to recording of same. The proponent shall pay all the necessary recording, fees.

E. Furnish the City with an affidavit warranting there are no liens against the improvements constructed on Premises by the Developers, this affidavit shall be in the form prescribed by the City.

F. Furnish the City with a Bill of Sale conveying, the WATER system to the City.

G. Furnish a one year maintenance bond for 15% (or $2,000 whichever is greater) of the amount of the Bill of Sale guaranteeing that the water system will be free of defects in labor and materials. Form to be prescribed by the City.

VII. In the event any warranty repairs are required, the City agrees, whenever feasible, to provide the Developer with reasonable notice, before directly undertaking such repairs. The City reserves the right, however, to effect emergency repairs as deemed necessary by the City. The City shall be reimbursed by the Developer for all costs thereof.

VIII. Upon performing all requirements, including those as set forth in Paragraph 5 above , the City shall accept the water system, and agree therewith to operate and maintain said system.

SUBMITTED this _____ day of _____2004

DEVELOPER: _____ Date _____
Signature

_____
Printed Name

_____
Company Title (as applicable)

_____
Address

_____
City State Zip

Phone No._____ FAX No. _____

CITY OF BONNEY LAKE
DEVELOPER AGREEMENT

Accepted this _____ day of 2004

_____
Mayor

CITY OF BONNEY LAKE

DEVELOPER AGREEMENT

EXHIBIT 'A'

PLAT NAME_____

DEVELOPER: _____

LEGAL DESCRIPTION: _____

_____

_____

_____

Permit Number:_____
Fee Submitted:_____
Date Received:_____
Expiration Date:_____

CERTIFICATE OF WATER-SEWER AVAILABILITY

PART A
TO BE COMPLETED BY APPLICANT

Owner:_____ **Date**:_____

Property Address: _____

Tax Parcel No: _____ **Project/Subdivision Name**:_____

Legal Description of Property: _____
(Please attach separate page if necessary)

Number of Water Connections Requested: _____ **Connection Size**: _____

Customer type:
☐ Residential ☐ Multi-family ☐ Commercial ☐ Industrial ☐ Landscaping irrigation

Building type:
☐ New ☐ Addition ☐ Garage ☐ ADU ☐ Short Plat ☐ Other _____

Existing water well on site? ☐ Yes ☐ No

Storm water detention-infiltration facilities on site: ☐ Yes ☐ No
(If yes, submit existing site plan with elevations showing drainage system.)

Commercial Sites Only:
Total lot size (sq.ft.)_____
Total area (sq.ft.) landscaped and unimproved: _____
Net area (sq.ft.) in impermeable surface: _____

I, the undersigned, request the City of Bonney Lake to certify willingness and ability to provide water and/or sewer ("utility") services to the above-described property. I have read and understand the information provided on this Certificate, and acknowledge that the proposed project may require improvements to the utility system, which would incur my financial obligation. Prior to final approval for construction of the utility facilities, I understand that a developer extension agreement between myself and the City, which specifies the terms of utility service, operational responsibility, and financial obligation, may be required. I further understand and acknowledge that provision of utility services may be contingent upon fulfillment of applicable conditions, such as building system improvements, as well as payment of various costs and fees.

I further acknowledge that if the project for which I seek this certification is a **preliminary** short plat or subdivision, I will be required to construct facilities necessary for water connections in compliance with the Bonney Lake Municipal Code and adopted standards. If the project for which I seek this certification is a **final** short plat, subdivision, building permit, or septic design, I must build out the system and connect it to the existing Bonney Lake utility system located at the site indicated on this certificate.

I understand that this certification is valid for a one year period starting on the date of the of the City Engineer's signature. I must execute developer extensions agreements within this one year period or else file a new application for utility extension with the City.

I acknowledge that this certification is non-transferable. New property owners will need to request a new water/sewer certification.

I acknowledge that developer extensions may be required based on City Code and standards.

Print name_____ Signature _____

Address _____ City _____ State _____ Zip _____

Phone number(s)_____

PART B
TO BE COMPLETED BY CITY OF BONNEY LAKE

Water system to provide service: City of Bonney Lake State ID# 07650H

The proposed development ☐ is / ☐ is not within the Bonney Lake approved service area.

The proposed development ☐ is / ☐ is not within the Bonney Lake City boundaries.

The proposed development ☐ is / ☐ is not within a City or Comprehensive Urban Growth Area.

The Bonney Lake water utility ☐ is / ☐ is not currently willing and able to provide service for the applicable period of this Certificate.

Approved number of capacity connections: 15,450 Existing source capacity: 5080 gpm

Number of current/existing connections: 10,700 Existing storage: 5.8 mg

Water service can be provided by:

☐ No Connection Required
☐ Direct connection to approved, existing water main.
☐ Extension of existing water main, to be built by applicant.
☐ New water system in accordance with WAC 246-290 and Pierce County Ordinances 86-117S3 and 92-99
☐ Water Connection Not Available

FIRE FLOW INFORMATION:

Water Mains:

Location of nearest water main capable of supplying at least 500 GPM: _____

If not in street at front of property, distance from property to nearest water main is _____feet

Fire flow available at 20 psi. is _____ GPM for _____ minutes. (The amount of available fire flow is in addition to requirements for normal domestic maximum use.)

Estimated static pressure at water main closest to project location, during normal operating conditions, is _____ psi.

Hydrants:

Distance from center line of property frontage to nearest hydrant measured along routes of fire apparatus travel is _____ feet. Hydrant number: _____ .

A water system vicinity map which shows the water mains and hydrants serving this project site is attached.

SEWER INFORMATION:

The proposed development ☐ is / ☐ is not within a CUGA.

The proposed development ☐ is / ☐ is not within the Bonney Lake UGA.

The proposed development ☐ is / ☐ is not within a City or Comprehensive Urban Growth Area.

The proposed development ☐ is / ☐ is not within 250' from existing sewer main.

The Bonney Lake sewer utility ☐ is / ☐ is not currently willing and able to provide service for the applicable period of this Certificate.

Sewer service can be provided by:

☐ No Connection Required
☐ Direct connection to approved, existing sewer main.
☐ Extension of existing sewer main, to be built by applicant.
☐ Septic System
☐ Sewer Connection Not Available

City Staff will determine the need for developer extensions according to City code and standards. Levels of services described in this form are subject to developer extension agreement requirements and Bonney Lake Municipal Code and adopted standards.

Has the City reviewed and signed off on a final set of plans submitted by the applicant, which clearly identify all utility systems and the size of all components? ☐ Yes ☐ No

Approval for Preliminary Short Plat or Subdivision:

Signature: _____ Title: City Engineer Date:_____

Approval for Final Short Plat, Subdivision, Building Permit or Septic Design:

The applicant has fully complied with all requirements identified for this project/development.

Signature: _____ Title: City Engineer Date:_____

NOTE: Authorization to begin construction is allowed only after the Certificate of Water-Sewer Availability has received final approval and all relevant permits have been paid for.

BONNEY LAKE PUBLIC WORKS DEPARTMENT
Permit for Work in Street Right-of-Way
P.O. Box 7380
19306 Bonney Lake Blvd.
Bonney Lake, WA 98390

1. Subject to all the terms, conditions, and provisions written or printed below or on any part of this form, PERMISSION IS HEREBY GRANTED TO: _____

2. To construct: _____

   2a. Submit a working drawing or plan showing work to be done/dimensioned to right-of-way lines.

   2b. Working drawing or plans are subject to approval of the Public Works Director.

   2c. All trenches to have a backfill of not less than 36 inches (depth-to the top of the line or pipe) and sufficient compaction so that the finished surface will conform with the original surface. All trenches across driveways shall be backfilled and compacted according to the State Standard Specifications unless a variance is approved by the Public Works Director.

   2d. No pavement cuts across streets, roads, or driveways constructed of asphalt concrete or Portland cement unless approval has been granted by the Public Works Director for such crossing and all pavement cuts shall be made by sawing.

3. Property owners and/or residents along this project shall have the right of safe ingress and egress at all times.

4. At no time during construction will any roadway be entirely closed. One way traffic shall be maintained at all times unless an approved, signed detour route is established. All traffic control shall comply with the M.U.T.C.D.

5. Crushed rock to be placed on shoulder of road as directed by the Public Works Director.

6. Backfill of trenches across driveways or roadways shall be mechanically tamped in layers not over 6 inches in depth. Trenches shall be backfilled with gravel base if material removed is not suitable for replacement. Excess excavated material will be disposed of by applicant.

7. A temporary patch of cold mix asphalt will be placed on road crossings and driveways by the applicant after backfilling until permanent patch can be placed.

8. Permanent patching will be done by the permittee.

9. This permit covered by Bond Number _____ in the amount of $ _____ , with _____

10. This permit subject to existing Franchise dated: _____

11. No work shall be done under this permit until the party or parties to whom it is granted shall have communicated with and received instruction from Maintenance and Operations Supervisor: _____ Phone: 862-8602

12. Any underground work shall require notification by the applicant to prevent damage to other underground installations, Gas, Power, Telephone, Cable T.V., Water, Sewer.

13. This Permit shall be void unless the work herein contemplated shall have been completed before: _____

14. Payment of all permit fees shall be calculated by the City of Bonney Lake and paid by the Permittee before issuance of this permit.

The undersigned applicant accepts all conditions of this permit as set forth herein.

_____
Applicant and Grantee

Issued By: _____
Public Works Director

_____ 19 _____

_____
Address

_____
Telephone

(see reverse side)

GENERAL PROVISIONS APPLICABLE TO ALL PERMITS

a. A bond is required for the protection of the city. Minimum Street Restoration Bond shall be $10,000 if multiple permits are to be issued.

b. During the progress of the work, such barriers and warning signs shall be erected and maintained as may be necessary or as may be directed for the protection of the traveling public; the barriers shall be properly lighted when necessary.

c. In accepting this Permit, the Petitioner, his successors or assigns, agrees to protect the City and save it harmless from all claims, actions or damages of every kind and description which may accrue to or be suffered by any person or persons, corporation or property by reason of the performance of any such work, character of materials used or manner of installation, maintenance and operation or by the improper occupance of rights of way of public place or public structure, and in case any suit or action is brought against said City for damages arising out of or by reason of any of the above causes, the petitioner, his successor or assigns will upon notice to him or them of commencement of such action, defend the same at his or their own sole cost and expense and will satisfy judgement after the said suit or action shall have finally been determined if adverse to the City.

d. Except as herein authorized, no excavation shall be made or obstacle placed within the limits of a city street in such a manner as to interfere with the travel over said road.

e. If the work done under the Permit interferes in any way with the drainage of the city streets, or causes damage, the grantee shall wholly and at his own expense make such provisions as the Public Works Director may direct to take care of said drainage and/or damage.

f. On completion of said work herein contemplated, all rubbish and debris shall be immediately removed and the roadway and roadside shall be left neat and presentable and satisfactory to the Public Works Director.

g. Grantee shall comply with the Washington State Electrical Code, Washington State Department of Highways Standards and Standard Specifications for Road and Bridge Construction.

h. No work permitted on Saturday, Sunday or Holiday, or between the hours of 6:00 p.m. and 6:00 a.m. of any working day, except in case of emergency and then only upon notification of the City of Bonney Lake.

i. Notify local Fire District and Bonney Lake Street Department before opening any trench across any roadway and when project is completed.

j. All of the work herein contemplated shall be done under the supervision and to the satisfaction of the Public Works Director and the entire expense of said supervision shall be borne by the party or parties to whom this Permit is issued.

k. The City hereby reserves the right to order the change of location or the removal of any structure or structures authorized by the Permit, at any time, said change or removal to be made at the sole expense of the party or parties to whom this Permit is issued, or their successors and assigns.

l. All such changes, reconstruction or relocation by the grantees shall be done in such manner as will cause the least interference with any of the City's work and the City shall in no wise be held liable for any damage to the grantee by reason of any such work by the City, its agents or representatives or by the exercise of any rights by the City upon the roads, streets, public places or structures in question.

m. The Grantee recognizes and agrees that it is responsible for and will make at its own expense any changes that may be required in the location of work described under (2) of this permit and of item (1) above.

n. The Permit or privilege shall not be deemed or held to be an exclusive one and shall not prohibit the City from granting other permits or franchise rights of like or other nature to other public or private utilities, nor shall it prevent the City from using any of its roads, streets, or public places, or affect its right to full supervision and control over all or any part of them, none of which is hereby surrendered.

o. The City may revoke, annul, change, amend, amplify, or terminate the Permit or any of the conditions herein enumerated if grantee fails to comply with any or all of its provisions, requirements or regulations as herein set forth or through willful or unreasonable neglect, fails to heed or comply with notices given or if the utility herein granted is not installed or operated and maintained in conformity herewith or at all or for any cause or reason whatsoever.

p. The party or parties to whom the Permit is issued shall maintain at his or their sole expense the structure or object for which this permit is granted in a condition satisfactory to the Public Works Director.

q. In accepting this Permit, the grantee, his successors and assigns, agree that any damage or injury done to the property of the grantee or any expense incurred by him through the operation of a contractor, working for the City or of any City employee shall be at the sole expense of the grantee, his successors or assigns.

City of

BONNEY

Lake

February 4, 2008

Dear Property Owner:

I wish to advise you that the backflow prevention assembly in your home and/or business is due for the 2008 yearly testing for the City of Bonney Lake.

Washington State regulations require backflow assemblies to be tested at least **once each year** to insure they are properly functioning.

Please have your backflow assemblies tested and return a copy of the completed test report forms to this office prior to June 30, 2008. Please mail to PO Box 7380 Bonney Lake, WA. 98391, or fax to 253 447 4330. If you have any questions or concerns, please do not hesitate to give me a call at 253 447 4341.

Thank you for your prompt cooperation to this matter.

Sincerely,

Carol Paul
Public Works Dept. Assistant

BACKFLOW PREVENTION ASSEMBLY TEST REPORT

City of BONNEY Lake

RETURN TO: Water Quality Section
19306 Bonney Lake BLVD
PO BOX 7380
Bonney Lake WA 98390
Ph 253 862 8602 x 341
Fax 253 826 1921

DATE _____ RETURN DATE _____ EDEN ACCT # _____

Name of Premises _____

Service Address _____

Location of assembly _____

Reason for assembly _____

Assembly _____
Size Manufacturer Model Type of Assembly Serial #

Line Pressure at Time of Test: PSI _____ Assembly is: NEW EXISTING REPLACEMENT

	Double Check Assemblies		DIFFERENTIAL PRESSURE RELIEF VALVE	PRESSURE VACUUM BREAKER
	1st Check	2nd Check		
1ST TEST	1 LEAKED ☐ RP _____ PSID 2 CLOSED TIGHT ☐	1 LEAKED ☐ _____ PSID 2 CLOSED TIGHT ☐	OPENED AT _____ PSID REDUCED PRESSURE DID NOT OPEN ☐	AIR INLET OPENED AT _____ PSID DID NOT OPEN ☐
REPAIRS	CLEANED ☐ REPLACED DISC SPRING ☐ GUIDE ☐ PIN RETAINER ☐ HINGE PIN ☐ SEAT DIAPHRAGM ☐ OTHER, DESCRIBE ☐	CLEANED ☐ REPLACED DISC SPRING ☐ GUIDE ☐ PIN RETAINER ☐ HINGE PIN ☐ SEAT DIAPHRAGM ☐ OTHER, DESCRIBE ☐	CLEANED ☐ REPLACED DISC ☐ UPPER ☐ LOWER ☐ SPRING ☐ DIAPHRAGM LARGE UPPER ☐ LOWER ☐ SMALL ☐ SEAT UPPER ☐ LOWER ☐ SPACER LOWER ☐ OTHER, DESCRIBE ☐	CHECK VALVE HELD AT _____ PSID LEAKED ☐ CLEANED ☐ REPLACED AIR INLET DISC ☐ CHECK DISC AIR INLET SPRING ☐ CHECK SPRING ☐ OTHER DECRIBE ☐
FINAL TEST	RP _____ PSID CLOSED TIGHT ☐	CLOSED TIGHT ☐	OPENED AT _____ PSID REDUCED PRESSURE	AIR _____ PSID CHECK VALVE PSID

AIR GAP INSPECTION Required Minmum Air Gap Separation Proviced YES NO
Is this proper installation? YES NO

REMARKS _____

I CERTIFY THE ABOVE REPORT TO BE TRUE

Print Name _____ Test Kit Model _____ Cert Date _____

Test Performed By _____ Cert # _____ Date _____

Company _____ Phone # _____

2008

Public Works Department

"The City of Bonney Lake's mission is to protect the community's unique, livable identity and scenic beauty through responsible growth planning and by providing accountable, accessible, and efficient local government services"

APPROVED LIST OF CERTIFIED BACKFLOW ASSEMBLY TESTERS

NAME:	BUSINESS:	PHONE:
Josh Drexler	Accubat Backflow Testing	253 720 0262
Roger Summy	Advance Testing & Service	425 337 4175
Carly Stroomer	Auburn Mechanical	253 838 9780
Randy Horne	Aqua Backflow Testing	253 682 7208
Jeremy Simkins	Backflows Northwest	425 277 2888
Scott Mitchell	Backflow Solutions	253 307 3711
Tom Gamman	B.A.T.Master	425 210 9866
Rachel Frederick	Budget Backflow Testing	253 606 4104
Paul Frederick	Certified Backflow Ass. Testing	253 565 2728
Kurt Muller	C&R Backflow	206 369 6178
Nancy	Cross Connection Specialist	253 840 2501
Monica	Fire Systems West Inc.	253 833 1248
Frank Olsen	Green Effects	253 891 9888
Lacey Edgell	Infinity Fire Protection	877 899 3473
Mark Johnson	Mark Johnson	253 606 9011
John Millan	Lake Tapps Backflow	253 217 7751
Lane Hobbs	Lanes Quality Service	253 840 0885
Doug McLean	Mac II Enterprises	253 581 0505
Dennis McLaughlin	McLaughlin Backflow Prevention Service	206 364 9531
Dominic McLaughlin	McLaughlin's Backflow Service	360 598 4445 866 897 4445 (toll free)
Roxanne	McKkinstry	206 764 1689
Joanne	Mitchel Plumbing	253 572 1150

19306 Bonney Lake Blvd., PO Box 7380, Bonney Lake, WA 98390
253 862 8602 x 341, FAX 253 447 4330

2008

Public Works Department

"The City of Bonney Lake's mission is to protect the community's unique, livable identity and scenic beauty through responsible growth planning and by providing accountable, accessible, and efficient local government services"

Linda DePretto	Mister Rain INC	253 927 7333
Steve Mock	Northwest Exteriors	206 380 9105
Chris McKoon	Olympic Landscape & Irrigation	253 922 7075
Curtis	Pats Plumbling	800 491 4081
Michael Gittings	P.L.E. Backflow Testing	253 297 4387
Josh Krantz	Protected Waters Backflow	360 893 4428
David Glastetter	Rainmaker Irrigation	253 582 1760
Royal Waldock	Royal Waldock	253 460 7672
Allen McCulloch	Star Lake Backflow Testing	253 859 1388
Jason Anderson	Woodland Gardens	253 405 0888

These testers have requested to be put on our mailing list, although you may use any state certified tester. Please make sure that if you use any other testers they submit their certifications with test report to the City of Bonney Lake

Thank you

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