

## CCR Certification Form

All Community Water Systems are required to prepare and distribute an annual Consumer Confidence Report (CCR). The CCR must be distributed to customers by July 1<sup>st</sup> of each year and the CCR Certification Form (this form) is due to the State of Alaska's Drinking Water Program by October 1<sup>st</sup> of each year.

Community Water System Name: City of Whittier

Community Water System I.D #: AK 2211952

I confirm that this system's Consumer Confidence Report (CCR) has been distributed to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to ADEC.

Date CCR was Distributed: 05-01-2019

System-specific details on CCR distribution to customers are outlined below (check all that apply):

- CCR was distributed by mail or other direct delivery.
- CCR was distributed by direct email  as an attachment or  embedded in the email
- CCR was distributed by direct link to a webpage www.Whittieralaska.gov
- CCR was provided with monthly billing
- CCR was posted on a publicly accessible internet site (systems serving over 100,000 people)  
Provide website: www.
- Other direct delivery method (specify below)

"Good faith" efforts were used to reach non-bill paying consumers. These efforts included the following methods:

- Mailing the CCR to postal patrons within the service area
- Publication of CCR in local newspaper or new media
- Posting the CCR in public places (Community Buildings, School, Washeteria, City Hall, Post Office, Clinic)
- Delivery of multiple copies to single bill addresses serving several people such as: apartments, businesses or large private employers
- Delivery to community organizations
- Posting the CCR on the internet at www.Whittieralaska.gov
- Electronic city or community newsletter at:  
www.
- Electronic announcement of CCR availability via social media  
Provide social media site \_\_\_\_\_

Certified by:

Signature: Scott Korbe

Name: Scott Korbe

Title: Director of Public Works

Phone: 907-472-2327

Date: 4-18-2019

E-mail: Skorbe@whittieralaska.gov

Print, sign, then mail, fax or email a copy of the CCR and this certification form to your local office:

Anchorage DW Program  
555 Cordova Street  
Anchorage, AK 99501  
Fax: 269-7650  
Phone: 269-7623 or (866) 956-7656  
[dec.dwdata.Anchorage@alaska.gov](mailto:dec.dwdata.Anchorage@alaska.gov)

Fairbanks DW Program  
610 University Ave.  
Fairbanks, AK 99709  
Fax: 451-2188  
Phone: 451-2108 or (800) 770-2137  
[dec.dwdata.fairbanks@alaska.gov](mailto:dec.dwdata.fairbanks@alaska.gov)

Soldotna DW Program  
43335 K-Beach Road, Suite 11  
Soldotna, AK 99669  
Fax: 262-2294  
Phone: 262-5210  
[dec.dwdata.soldotna@alaska.gov](mailto:dec.dwdata.soldotna@alaska.gov)

Wasilla DW Program  
1700 E. Bogard Road  
Building B, Suite 103  
Wasilla, AK 99654  
Fax: 376-2382  
Phone: 376-1850  
[dec.dwdata.wasilla@alaska.gov](mailto:dec.dwdata.wasilla@alaska.gov)

# 2018 Whittier Water Quality Report

## PWSID# AK2211952

### **Is my water safe?**

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

### **Do I need to take special precautions?**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

### **Where does my water come from?**

Our water system pumps water from three groundwater wells located near 100 West Whittier Road in Whittier.

### **Source water assessment and its availability.**

A source water assessment was completed in 2004 for City of Whittier's three water wells and the results of the assessment are:

**Well #1 - The Wellhead/Surface Intake Susceptibility is Low.**

The Aquifer Susceptibility is Medium.

The overall vulnerability to potential contaminants is:

Bacteria and Viruses is Medium;

Nitrates/Nitrites is Medium;

Volatile Organic Chemicals is Medium;

Inorganics/Heavy Metals is Low;

Synthetic Organic Chemicals is Medium;

Other Organic Chemicals is Medium.

**Well #2 - The Wellhead/Surface Intake Susceptibility is Low.**

The Aquifer Susceptibility is Medium.

The overall vulnerability to potential contaminants is:

Bacteria and Viruses is Medium;

Nitrates/Nitrites is Medium;

Volatile Organic Chemicals is Very High;

Inorganics/Heavy Metals is Low;

Synthetic Organic Chemicals is Medium;  
Other Organic Chemicals is Medium.

**Well #3 - The Wellhead/Surface Intake Susceptibility is Low.**

The Aquifer Susceptibility is Medium.

The overall vulnerability to potential contaminants is:

Bacteria and Viruses is Medium;

Nitrates/Nitrites is Medium;

Volatile Organic Chemicals is Medium;

Inorganics/Heavy Metals is Low;

Synthetic Organic Chemicals is Medium;

Other Organic Chemicals is Medium.

For further information regarding this source water assessment please contact the local water system operator, or the Alaska Resources Library & Information Services (ARLIS) located at 3211 Providence Drive, Room 111, Anchorage, Alaska 99508; phone number 907-272-7547. Or you may call Chris Miller at the ADEC Drinking Water Protection Program at 907-269-4791, or 907-269-7549. You may also access the public source water executive summary data at the ADEC website : <http://dec.alaska.gov/eh/dw/dwp/complete.aspx>.

#### **Why are there contaminants in my 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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that 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, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

#### **How can I get involved?**

If you would like further information regarding the City of Whittier water system contact Scott Korbe, Public Works Director. See information below.

## Waivers

The City of Whittier has a SOC waiver on file with the State of Alaska. This waiver is granted for 2017-2019.

## Conservation Tips:

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference - try one today and soon it will become second nature.

- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit [www.epa.gov/watersense](http://www.epa.gov/watersense) for more information.

## Additional Information for Lead:

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. City of Whittier 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.

## Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Detect In Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
<b>Inorganic Contaminants</b>								
Nitrate [measured as Nitrogen] (ppm)	10	10	.505	NA	NA	2018	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
<b>Radioactive Contaminants</b>								
Radium (combined 226/228) (pCi/L)	0	5	.74	NA	NA	2014	No	Erosion of natural deposits
Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source	
<b>Inorganic Contaminants</b>								
Copper - action level at consumer taps (ppm)	1.3	1.3	.094	2016	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	
<b>Inorganic Contaminants</b>								
Lead - action level at consumer taps (ppb)	0	15	2.35	2016	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	
<b>Unit Descriptions</b>								
Term	Definition							
ppm	ppm: parts per million, or milligrams per liter (mg/L)							
ppb	ppb: parts per billion, or micrograms per liter (µg/L)							
pCi/L	pCi/L: picocuries per liter (a measure of radioactivity)							
NA	NA: not applicable							
<b>Important Drinking Water Definitions</b>								
Term	Definition							
MCLG	MCLG: Maximum Contaminant Level Goal: 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.							
MCL	MCL: Maximum Contaminant Level: 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 treatment technology.							
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.							
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.							
Variations and Exemptions	Variations and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.							
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant 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 contaminants.							
MRDL	MRDL: Maximum residual disinfectant level. 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.							
MNR	MNR: Monitored Not Regulated							

Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source
MPL	MPL: State Assigned Maximum Permissible Level						

**For more information please contact:**

**Contact Name: Scott Korbe**  
**Address: PO Box 608**  
**Whittier, AK 99693**  
**Phone: 907-472-2327**