

Fill out, sign and mail, fax or email to your ADEC Drinking Water Representative with a copy of your CCR by July 1.

CCR Certification Form

Community Water System Name: _____ City and Borough of Yakutat
Community water System I.D. #: _____ PWSID#2130172

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: _____ June 26, 2015

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.yakutatak.us
- 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.yakutatak.us
 - Electronic city or community newsletter at: www._____
 - Electronic announcement of CCR availability via social media
Provide social media site _____

Certified by:

Signature: 

Name: Jon Erickson

Title: Borough Manager

Phone: 907-784-3323

Date: _____

E-mail: manager@yakutatak.us

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

Mailing Address
 ADEC-Drinking Water Program
 43335 Kalifornsky Beach Rd
 Suite 11
 Soldotna, AK 99669-9792

Fax
 907-262-2294

Email Addresses
 Eric.Burg@alaska.gov
 Alyssa.Murphy@alaska.gov
 Jamie.Bjorkman@alaska.gov

2014 Yakutat Water Quality Report

PWSID# AK 2130172

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?

The City of Yakutat water system uses two ground water wells. The first well is located at 59 degrees, 32 minutes, 37.11 seconds North, and 139 degrees, 44 minutes, 03.58 seconds West. The second is located at 59 degrees, 32 minutes, 37.11 seconds North, and 139 degrees, 44 minutes, 01.82 seconds West.

Source water assessment and its availability

A source water assessment for the City of Yakutat water system was completed in 2004 and the results of the assessment are:

WL ARCO WELL #2-WL003 (Groundwater)

The Wellhead/Surface Intake Susceptibility is Low.

The Aquifer Susceptibility is Medium.

The overall vulnerability to potential contaminants is:

Bacteria and Viruses is Low;

Nitrates/Nitrites is Medium;

Volatile Organic Chemicals is High;

Inorganics/Heavy Metals is Medium;

Synthetic Organic Chemicals is Medium;

Other Organic Chemicals is Medium.

WL ARCO.2 WELLS WL002 (Groundwater)

The Wellhead/Surface Intake Susceptibility is Low.

The Aquifer Susceptibility is Medium.

The overall vulnerability to potential contaminants is:

Bacteria and Viruses is Low;

Nitrates/Nitrites is Medium;

Volatile Organic Chemicals is High;

Inorganics/Heavy Metals is Medium;

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 sewage treatment plants, 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?

Persons interested in learning more about the City of Yakutat water system can use the contact information in this report to contact us.

Monitoring and reporting of compliance data violations

Total Coliform and Chlorine - We are required to monitor monthly for Total Coliform (TCR) and at the same time test for chlorine residual and failed to do so in December of 2014.

However, we did sample and test for both in January of 2015 and returned to compliance.

Nitrate - We are required to monitor annually for Nitrate and failed to do so in 2014. We plan to submit a sample for analysis in 2015 and return to compliance.

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 Yakutat 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>.

Sanitary Survey Corrective Action

A sanitary survey of the City of Yakutat water system was completed in 2011, and the next is overdue, and should have been completed in 2014. We are planning to have another sanitary survey completed in 2015.

A sanitary survey is a periodic checkup of an individual water system to identify problems which may affect the safety of the water. Community water systems must complete a sanitary survey every three years by a qualified drinking water professional. Any deficiencies found in the survey must be fixed, documented, and reported to ADEC.

There were three significant deficiencies and one minor deficiency identified in the 2011 sanitary survey. The first deficiency noted that there were no locks on the water storage tank. The second noted an empty water storage tank and unused water well that should be protected and properly abandoned if necessary. The third noted where a valve was removed to prevent a cross connection and asked for further documentation. The minor deficiency noted a leak at the bottom of the old Redwood water storage tank and asked for a progress report on repairs. The City of Yakutat has completed all of this work, and plans to submit documentation to ADEC in 2015 to finalize these corrective actions.

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.

<u>Contaminants</u>	<u>MCLG</u> or <u>MRDLG</u>	<u>MCL,</u> <u>TT, or</u> <u>MRDL</u>	<u>Your</u> <u>Water</u>	<u>Range</u> <u>Low</u> <u>High</u>	<u>Sample</u> <u>Date</u>	<u>Violation</u>	<u>Typical Source</u>
Disinfectants & Disinfectant By-Products							
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)							
TTHMs [Total Trihalomethanes] (ppb)	NA	80	5.37	NA	2014	No	By-product of drinking water disinfection
Inorganic Contaminants							
Arsenic (ppb)	0	10	0.317	NA	2013	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Unit Descriptions							
Term				Definition			
ppb				ppb: parts per billion, or micrograms per liter (µg/L)			
NA				NA: not applicable			
ND				ND: Not detected			
NR				NR: Monitoring not required, but recommended.			
Important Drinking Water Definitions							
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.			
Variances and Exemptions				Variances 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
MPL	MPL: State Assigned Maximum Permissible Level
For more information please contact:	

Contact Name: Ron Beattie
Address: PO Box 160309
Yakutat, AK 99689
Phone: 907-784-3323 Fax: 907-784-3381

City & Borough of Yakutat
PO Box 160
Yakutat, AK 99689

BOX HOLDER