

2021 Water Quality Report

To: Tenants of Larry's Apartment

From: Samuel Adams

Date: 6/30/2022

This report is required by law to be completed and made available to you.

1. This report reveals the results of all the water testing for the year 2021.
2. The water for these apartment buildings is pumped from a 6 inch diameter steel well casing driven to a depth of 207 feet. This water is described by the ADEC as ground water. If you should have any questions regarding this report, please call (907) 803-6968.
3. This well water system is constantly monitored and tested according to Alaska State Law. The following pages reveal the results of those required tests for the past year.
4. The following statement is required by law to be worded exactly as it appears here: Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-Compromised persons, such as persons undergoing chemo-therapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and some infants can be particularly at risk from infections. These people should seek advice about drinking water from their care providers. Guidelines on reducing the risk of infection from microbiological contaminants are available from the *Safe Drinking Water Hotline 1-800-426-4791*.
5. As water travels over land or underground the ADEC says that it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. We test the water in order to detect any contamination that may be found there, including:
 - A) Microbial contamination, Such as viruses and bacteria, which may come from septic tanks, sewage treatment, and wildlife.
 - B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or the result of Storm water runoff.
 - C) Organic chemical contaminants, which include fuel products.
 - D) Radioactive contaminants from naturally occurring deposits.
6. Again the law requires the following statement to be worded exactly as it appears here: All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. The presence of these contaminants does not necessarily pose a health risk. More information about contaminants and potential health risks can be obtained by calling the Environmental Protection Agency's *Safe Drinking Water Hotline at 1-800-426-4791*.

Definition of Key Terms

MCL (Maximum Contaminant Level):

The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

MCLG (Maximum Contaminant Level Goal):

The level of a contaminant in drinking water below which there is no known expected risk to health. MCLGs allow for a margin of safety.

AL (Action Level):

A concentration of a contaminant, which, if exceeded, triggers treatment or other requirements which a water system must follow.

TT (Treatment Technique):

A required process intended to reduce the level of a contaminant in drinking water.

PpB (Parts Per Billion):

A weight to weight ratio used to describe concentrations.

PpM (Parts Per Million):

A weight to weight ratio used to describe concentrations.

MRDL (Maximum Residual Disinfectant Level):

The highest level of a disinfectant allowed in drinking water without causing an unacceptable possibility of adverse health effects.

MRDLG (Maximum Residual Disinfectant 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.

Sample Results From 1 Jan 2013 thru 31 Dec 2021

Element Name By Type	Concentration	Date
Old Organics		
Barium	56.000 UG/L	4-22-2019
Cadmium	0.00 UG/L	4-22-2019
Chromium	0.00 UG/L	4-22-2019
Fluoride	0.00 UG/L	4-22-2019
Mercury	0.00 UG/L	4-22-2019
Selenium	0.00 UG/L	4-22-2019
New Inorganics		
Cyanide	0.00 UG/L	4-22-2019
Nickel	0.00 UG/L	4-22-2019
Antimony, Total	0.00 UG/L	4-22-2019
Beryllium, Total	0.00 UG/L	4-22-2019
Thallium, Total	0.00 UG/L	4-22-2019
Nitrate		
Nitrate	0.00 mg/L	12-30-2021
Nitrite *		
Nitrite	0.000 mg/L	2-26-2018
Lead/Copper *		
Lead Summary	.000 mg/L	3-14-2018
Copper Summary ¹	0.03250 mg/L	3-14-2018
Volatile Organic Compound (VOC) *		
1,2,4-Trichloobenzene	0.00	4-22-2019
CIS-1,2-Dichloroethylene	0.00	4-22-2019
Xylenes, Total	0.00	4-22-2019
Dichloromethane	0.00	4-22-2019
O-Dichlorobenzene	0.00	4-22-2019
P-Dichlorobenzene	0.00	4-22-2019
Vinyl Chloride	0.00	4-22-2019
1,1-Dichloroethylene	0.00	4-22-2019
Trans-1,2-Dichloroethylene	0.00	4-22-2019
1,2-Dichloethane	0.00	4-22-2019
1,1,1-Thrichloroethane	0.00	4-22-2019
Carbon Tetrachloride	0.00	4-22-2019
1,2-Dichloropropane	0.00	4-22-2019
Trichloroethylene	0.00	4-22-2019
1,1,2-Thrichloroethane	0.00	4-22-2019
Tetrachloroethylene	0.00	4-22-2019
Chlorobenzene	0.00	4-22-2019
Benzene	0.00	4-22-2019
Toluene	0.00	4-22-2019
Ethylbenzene	0.00	4-22-2019
Styrene	0.00	4-22-2019

Gross Alpha *		
Gross Alpha, Incl. Radon & U	3.800 PCI/L	7-12-2016
Lead/ Copper Sample Results		
Lead Summary	0.00038 MG/L	12-30-2021
Copper Summary	0.02200 MG/L	12-30-2021
Secondary Compounds *		
Copper, Free	28.000 UG/L	3-14-2018
Copper, Free	29.000 UG/L	3-14-2018
Copper, Free	31.000 UG/L	3-14-2018
Copper, Free	27.000 UG/L	3-14-2018
Copper, Free	34.000 UG/L	3-14-2018
Total Trihalomethanes (TTHM) and Total Haloacetic Acids (HAA5)		
TTHM	0.000	7-9-13

TCR Sample Results From 1 Jan 2021 thru 31 Dec 2021

Location	Result	Date
Total Coliform Rule Sample Results		
2425 Rapids St.	A	12-30-2021
2461 Rapids St.	A	11-10-2021
2441 Rapids St.	A	10-27-2021
2425 Rapids St.	A	9-30-2021
2461 Rapids St.	A	8-19-2021
2441 Rapids St.	A	7-28-2021
2441 Rapids St.	A	6-28-2021
2461 Rapids St.	A	5-04-2021
2441 Rapids St.	A	4-22-2021
2425 Rapids St.	A	3-23-2021
2461 Rapids St.	A	2-25-2021
2425 Rapids St.	A	1-28-2021

Violations from 1 Jan 2017 thru 31 Dec 2021

Violation Type	Category	Analyte	Compliance Begin
71	RPT	CCR	7-1-17

Compliance Schedules

Activity	Effective Date	Due Date
CASS	6-14-2017	7-20-17
CCR	1-1-22	6-30-22

1. Copper Results at Consumer Tap: 0 of 5 samples exceeded. System did not exceed the 90 percentile action level for copper.

Additional Information on 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. Larry's Apartments 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>.

Availability and Means of Obtaining a Copy of the Source Water Assessment

The source water assessment results can be viewed online at <http://dec.alaska.gov:8080/DWW/index.jsp> or the full report can be obtained by contacting the DEC Drinking Water Program directly at 907-451-2108.

How Can You Get Involved

If you are interested in learning more about our water system and about opportunities for public participation in decisions that may affect the quality of water, please contact us at: (907) 803-6968.