

VILLAGE OF ADAMS 2021 WATER QUALITY REPORT

"THE ARBOR DAY VILLAGE"

This pamphlet contains important information about your drinking water. It is a summary of the year 2021 with regards to the results of testing, system information, drinking water information and drinking water safety. The Village of Adams is committed to providing its customers with high quality drinking water that meets or surpasses state and federal standards for quality and safety. If you would like to know more about the Village of Adams Water Department please call Mayor at 315-232-2632 or Ronald McNitt water/waste water operator at 315-232-4523.

The Village of Adams' Main Office is located at 3 South Main Street in the Village. Monthly Board Meetings are held on the third Monday of the month in the Board Room of the Main Office.

SOURCE, SUPPLY AND TREATMENT

THE VILLAGE OF ADAMS SERVES APPROXIMATELY 3,300 PEOPLE. THIS NUMBER ALSO REPRESENTS CUSTOMERS SERVED IN THE ADAMS CENTER WATER DISTRICT. FOR THE YEAR 2021, WE TREATED 156,791,000 GALLONS OF WATER AND BILLED CUSTOMERS FOR 152,150,783 GALLONS. ESTABLISHMENTS SUCH AS CHURCHES, CEMETERIES, MUNICIPALLY OWNED BUILDINGS, SYSTEM FLUSHING, AND FIRE USAGE IS NOT INCLUDED IN THE GALLONS BILLED. THE VILLAGE HAS TWO WATER SOURCES : THE ROUTE #11 WATER SOURCES AND THE EAST CHURCH STREET WATER SOURCES, BOTH WELLS AND AN INFILTRATION SYSTEM. AFTER WATER IS PUMPED FROM THE SOURCES IT IS TREATED WITH CHLORINE AND FLUORIDE. IT IS MONITORED DAILY TO INSURE SAFE DOSAGES. IN 2017 four more wells were added to the village water system.

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SAMPLING

The Village does Routine Total Coli., and E. Coli. Through out the Village of Adams And the Town of Adams monthly.

NOTICE OF VIOLATION FROM DOH

The annual Nitrate samples for both water plants were not taken in 2021. The Nitrate samples were taken on 2/14/2022 And were found to be in compliance.

DRINKING WATER SOURCES

The sources of drinking water (both tap 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 activities. Contaminants that may be present in source water include: microbial contaminants, inorganic contaminants, pesticides and herbicides, organic chemical contaminants, and radioactive contaminants. In order to ensure that tap water is safe to drink, the State and EPA prescribe regulations which limit the amount of certain contaminants in water provided by public water systems. The State Health Department's and the FDA's regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

IS OUR WATER SAFE FOR EVERYONE?

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. EPA guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, Giardia, and other microbial contaminants are available from the Safe Drinking Water Hotline 800-426-4791.

SUBSTANCES IN 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 water poses a health risk. In nature, all water contains some impurities. Some of these substances are harmless. Some people prefer mineral water because minerals give the water an appealing taste. 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. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at 800-426-4791 or your local NYS Health Department at 785-2277.

SUBSTANCE	VIOLATION	TEST DATE	HIGHEST LEVEL DETECTED	UNITS	MCLG	HIGHEST LEVEL ALLOWED	SOURCES OF CONTAMINANT
Barium	No	7/14/2015 E. Church St. 7/14/2015 Route #11	49 37	Ug/L	2 2	2	Erosion of natural deposits, discharge of drilling wastes.
Fluoride	No	Routinely E.Church St. Routinely Route #11	0.9 0.9	ppm	N/A N/A	2.2 2.2	Erosion of natural deposits, Water additive which promotes strong teeth.
Copper	No	Within water system 9/11/2014	0.206	ppm	0	AL-1.3	Corrosion of household plumbing, erosion of natural deposits, leaching from wood preservatives
Lead	No	Within water system 9/11/2014	0.00943	ppm	0	AL-.015	Corrosion of household plumbing systems, erosion of natural deposits
Nitrate	No	11/14/19 E. Church St. 11/14/19 Route #11 WP	2.4 0.36	ppm	10	10	Runoff from fertilizer use. Leaching from septic tanks, sewage, Erosion of natural deposits.
TTHM (Total - chloroform, bromodichloro-methane, dibromochloromethane, and bromoform.)	No	08/10/21 Dunkin Donuts West Church St. 08/10/21 Municipal bld.3 South Main St.	Chloroform 23.6ug/L Bromo 5.1 ug/L Dibromo. 3.4 ug/L Bromoform 1.6 ug/L Chloroform 1.6 ug/L Bromo. 2.6 ug/L Dibromo. 5.2 ug/L Bromoform 3.6	Ug/L	N/A	80	By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains large amounts of organic matter.
HAA5 (Haloacetic Acid)Chloroacetic, trichloroacetic, Dichloroacetic, Bromoacetic, Dibromochloromethane.	No	08/10/21 Dunkin Donuts West Church St. 08/10/21 Municipal bld. 3 South main St.	Chloro. 6.9 ug/L Trichlo. 1.5 ug/L Dichlo. 4.2 ug/L Bromo.NDug/L Dibro. 1.4 ug/L Chloro. 10.9 ug/L Trichlo. ND ug/L Dichlo. 5.1 ug/L Bromo. ND ug/L Dibro. 1.8 ug/L	Ug/L	N/A		By-product of drinking water chlorination needed to kill harmful organisms. HAA5's are formed when source water contains large amounts of organic matter.
Gross Alpha Activity	No	Country View Plant 12/8/2016 RT.11 Plant 12/8/2016	2.80 2.90	PCI/L	0	15	Erosion of natural products
Gross Beta Particles	No	03/29/2012 DPW Garage 3/29/2012E. Church St.	<0.2 <0.2	PCI/L	0	50*	Decay of natural products and man-made emissions
Combined radium-226 and 228	No	Country View Plant 12/8/2016 RT.11 Plant 12/8/2016	1.11 1.30	PCI/L	0	5	Erosion of natural deposits
Asbestos (chrysotile)	No	12/6/2013 North Adams Heights	4.27	MF/L	N/A	7.0	Used in concrete water pipe

Our system is one of the many drinking water systems in New York State that provides drinking water with a controlled, low level of fluoride for consumer dental health protection.

According to the United States Centers for Disease Control, fluoride is very effective in preventing cavities when present in drinking water at an optimal range from 0.7 to 1.2 mg/l (parts per million). To ensure that the fluoride supplements in your water provide optimal dental protection, the State Department of Health requires that we monitor fluoride levels on a daily basis.

During 2021 our monitoring showed fluoride levels in your water were in the optimal range.

WATER USE RATES	
Within the population served by the Village's water supply there is a varied rate structure. The following figures represent a <u>yearly charge</u> for the minimum quarterly usage of 8,000 gallons or yearly 32,000 gallons.	
Within the Village limits	\$101.32 with a \$2.33/1000 gallons beyond minimum and a \$120 debt charge
Outside Village limits	\$373.36with a fee of \$5.83/1000gallons beyond minimum.
Adams Center Water District	\$4.50/1000 gallons

New York State Department of Health
Annual Water Quality Report Certification Form

Community Water System Name: Village of Adams
Community Water System Address: 3 South Main St.
PWS ID #: NY 220232B

The community water system named above hereby confirms that its Annual Water Quality Report 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 the health department.

Certified by: Name: Ronald A. Menta
Title: Operator
Phone #: 315 232-4523 Date: 3-28-2022

Please indicate how your report was distributed to your customers:

- ☐ Annual Water Quality Report was distributed to bill-paying customers by mail.
- ☐ Annual Water Quality Report was distributed to bill-paying customers by direct delivery (please specify the direct delivery method used).
- ☐ Hand delivered.
- ☐ Published in local paper (i.e., *Penny Saver*) that was directly delivered or mailed to all bill-paying customers.
- ☐ Published in local municipal newsletter that was directly delivered or mailed.
- ☒ Other (please specify) Post availability on quarterly water bill and posted on village website
- ☐ System does not have bill-paying customers.

For systems serving at least 100,000 persons, in addition to distributing your report using the methods described above, your Annual Water Quality Report must also be posted on the Internet.

☐ Annual Water Quality Report is posted on the Internet at www. _____.

Please indicate what "Good Faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods as recommended by the New York State Department of Health.

- ☒ Posting the Annual Water Quality Report on the Internet at www. VillageofAdams.com
- ☐ Mailing the Annual Water Quality Report to postal patrons within the service area.
- ☐ Advertising the availability of the Annual Water Quality Report in the news media.
- ☐ Publication of the Annual Water Quality Report in a local newspaper.
- ☐ Posting the Annual Water Quality Report in public places (attach a list of locations).
- ☐ Delivery of multiple copies to single-bill addresses serving several persons such as: apartments, businesses, and large private employers.
- ☐ Delivery to community organizations.