

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 2	Erosion of natural deposits, discharge of drilling wastes.
Fluoride	No	9/28/2016 E.Church St. 11/28/2016 Route #11	0.8 0.7	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	12/21/2016 E. Church St. 12/21/2016Route #11 WP	2.4 1.1	ppm	10	10	Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits.
TTHM (Total - chloroform, bromodichloromethane, dibromochloromethane, and bromoform.)	No	10/20/2016 Dunkin Donuts West Church St. 10/20/2016 Municipal bld.3 South Main St.	Chloroform 9.6ug/L Bromo.0.7 ug/L Di-bromo. <0.5 ug/L Bromoform <0.5 ug/L Chloroform 3.6 ug/L Bromo.2.4 ug/L Dibromo. 1.1ug/L Bromoform <0.5	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	10/20/2016 Dunkin Donuts West Church St. 10/20/2016 Municipal bld. 3 South main St.	Chloro.<2 ug/L Trichlo. 1 ug/L Dichlo. 3 ug/L Bromo. <1ug/L Dibro. <1 ug/L Chloro. <2 ug/L Trichlo. 1 ug/L Dichlo. <1 ug/L Bromo. <0.5 ug/L Dibro. <1 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

Listed are the contaminants detected in the water supply. Not listed are over 70 Synthetic Organic Compounds and 10 Inorganic contaminants for which were tested but were not detected.

Table definitions

- ppm parts per million or milligrams per liter
- ppb /ug/L parts per billion or micrograms per liter
- MCLG The level of contaminant in drinking water below which there is no known or expected risk to health. MCGL's allow for a margin of safety.
- MCL The highest level of a contaminant that is allowed in the drinking water. MCL's are set as close to the MCLG as possible using the best available technology.
- N/A Heading not applicable to this substance
- AL Action Level. The concentration of a contaminant, which if exceeded, triggers a treatment that a water system must follow.
- PCI/L Picocuries per liter-a measure of the radioactivity in water
- The State considers 50 PCI/L to be the level of concern for beta particles.
- MF/L Million Fibers per Liter

CONSERVATION

The Village of Adams encourages water conservation. Although we have a good source of water it must not be wasted. Below are a few steps to preserve our source:

- use low flow shower heads and faucets
- repair all leaks in your plumbing system
- do only full loads of wash and dishes
- wash cars with a bucket, hose and nozzle
- turn off tap when brushing your teeth

COMPARISONS

Consider the following comparisons:
1 gallon of store bought water = \$1.79
2 liter bottle of soda = \$1.99

Your Tap Water = average \$ 0.003/ gallon delivered to your door!

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 2016 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 yearly charge 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

