

Annual Drinking Water Quality Report for 2019
Town of Kingsbury & Kingsbury Industrial Park
6 Michigan Street, Hudson Falls, NY 12839
Public Water Supply Identification Number NY5722361 & NY5730125

INTRODUCTION

To comply with State regulations, the Town of Kingsbury will be annually issuing a report describing the quality of your drinking water. The purpose of this report is to raise your understanding of drinking water and awareness of the need to protect our drinking water sources. Last year, your drinking water met all State drinking water health standards. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to New York State standards. Our constant goal is and always has been, to provide to you a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and to protect our water resources. If you have any questions concerning this report or concerning your drinking water please contact: *Mr. James M. Chase Sr., Water Superintendent, 437 Vaughn Rd., Hudson Falls, NY 12839; Telephone (518) 747-6231.* We want our valued customers to be informed about their water service. If you want to learn more, please attend any of our regularly scheduled Town Board meetings. They are held on the 1st and 3rd Mondays of each month, 7:00 PM at the Town Hall, *6 Michigan Street, Hudson Falls, NY 12839; Telephone (518) 747-2188.*

WHERE DOES OUR WATER COME FROM?

The Town of Kingsbury purchases its water from the Town of Queensbury, which is treated surface water from the Hudson River. Water is pumped from the river into a complete treatment facility. The treatment process at the Queensbury Water Treatment Plants consists of chlorination to protect against contamination from harmful bacteria and other organisms; coagulation using alum to cause small particles to stick together when the water is mixed, making larger heavier particles; sedimentation allows the newly formed larger particles to settle out naturally; filtration removes smaller particles by trapping them in sand filters; pH adjustment for corrosion control; post chlorination to prevent bacterial contamination.

At our Pumping Station where we have our inter-connect with the Queensbury water supply, we have an automatic chlorination system in the pump station to boost the chlorine residual in the water as it goes into our distribution system.

In general, 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 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.

SOURCE WATER ASSESSMENT

The NYS Department of Health has evaluated the Hudson River's susceptibility to contamination under the Source Water Assessment Program (SWAP), and their findings are summarized in the paragraph below. It is important to stress that these assessments were created using available information and only estimate the potential for source water contamination. Elevated susceptibility ratings do not mean that source water contamination has or will occur for this water supply. The Queensbury Water District provides treatment and regular monitoring to ensure the water delivered to consumers meets all applicable standards.

Based on documented polychlorinated biphenyl (PCBs) contamination of sediments upstream of the intake, the raw water is tested quarterly for PCBs. During 2019, PCB's were not detected in source or finished drinking water. It should also be noted that rivers in general are highly sensitive to microbial contaminants.

Appendix A

New York State Sanitary Code Compliance Monitoring Requirements- Compounds Analyzed that were Below Limits of Detection

TOWN OF KINGSBURY & KINGSBURY INDUSTRIAL PARK TEST RESULTS				
Public Water Supply Identification Number NY5722361 & NY5730125				
CONTAMINANT	MONITORING FREQUENCY	CONTAMINANT	CONTAMINANT	MONITORING FREQUENCY
Asbestos	Every 9 years Sample from 9/22/11 NON-DETECT	POC's (Volatile Organic Compounds)		NON-DETECT
		Benzene	Trans-1,3-Dichloropropene	
		Bromobenzene	Ethylbenzene	
		Bromochloromethane	Hexachlorobutadiene	
Antimony	Monitoring requirement is one sample annually	Bromoethane	Isopropylbenzene	
Arsenic		N-Butylbenzene	p-Isopropyltoluene	
	Sample results from 2/6/19 NON-DETECT	sec-Butylbenzene	Methylene Chloride	
Beryllium		Tert-Butylbenzene	n-Propylbenzene	
Cadmium		Carbon Tetrachloride	Styrene	
Chromium		Chlorobenzene	1,1,1,2-Tetrachloroethane	
Mercury		2-Chlorotoluene	1,1,2,2-Tetrachloroethane	
Nickel		4-Chlorotoluene	Tetrachloroethene	
Selenium		Dibromomethane	Toluene	
Thallium		1,2-Dichlorobenzene	1,2,3-Trichlorobenzene	
Mercury		1,3-Dichlorobenzene	1,2,4-Trichlorobenzene	
Cyanide		1,4-Dichlorobenzene	1,1,1-Trichloroethane	
Fluoride		Dichlorodifluoromethane	1,1,2-Trichloroethane	
			1,1-Dichloroethane	
		1,2-Dichloroethane	Trichlorofluoromethane	
		1,1 Dichloroethene	1,2,3-Trichloropropane	
		cis-1,2 Dichloroethene	1,2,4-Trimethylbenzene	
		Trans-1,2-Dichloroethene	1,3,5-Trimethylbenzene	
		1,2 Dichloropropane	m-Xylene	
		1,3 Dichloropropane	o- Xylene	
		2,2 Dichloropropane	p-Xylene	
		1,1 Dichloropropene	Vinyl Chloride	
		Cis-1,3-Dichloropropene	MTBE	
E. coli		Total coliform & E. coli		Monitoring is 10 samples/ month NON-DETECT
Total Coliform	NON-DETECT			
E. coli	NON-DETECT			
		Radiological Parameters		
		Gross alpha	Sample from 3/2/16	requirement is one sample every six-nine years. NON-DETECT
		Radium 226	Sample from 4/6/17	
		Radium 228		
Synthetic Organic Chemicals				
Synthetic Organic Chemicals (Group I)		Synthetic Organic Chemicals (Group II)		Monitoring requirement is every 18 months NON-DETECT Sample from 11/7/18 *State waiver does not require monitoring these compounds
Alachlor	Aldicarb	Aldrin		
Aldicarb Sulfoxide	Aldicarb Sulfone	Butachlor	Carbaryl	
Atrazine	Carbofuran	Dalapon	Di(2-ethylhexyl)adipate	
Chlordane	Dibromochloropropane		Dicamba	
2,4-D	Endrin	Dieldrin	Dinoseb	
Ethylene Dibromide	Heptachlor	Diquat*	Endothall*	
Lindane	Methoxychlor	Glyphosate*	Hexachlorobenzene	
PCB's	Toxaphene	Hexachlorocyclopentadiene	3-Hydroxycarbofuran	
2,4,5-TP (Silvex)		Methomyl	Metolachlor	
		Metribuzin	Oxamyl vydate	
		Pichloram	Propachlor	
		Simazine	2,3,7,8-TCDD (Dioxin)*	