

# TESTING RESULTS FOR 2023 - TABLE OF DETECTED CONTAMINANTS

As you review the results, keep in mind that all drinking water, including bottled water, may be reasonably 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 EPA's Safe Drinking Water Hotline at 1-800-426-4791. As the State regulations require, we routinely test your drinking water for numerous contaminants. These contaminants include total coliform, turbidity, inorganic compounds, nitrate, lead and copper, volatile organic compounds, total trihalomethanes, and synthetic organic compounds. The table presented below depicts which compounds were detected in your drinking water. The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than a year old.

Contaminant	Units	MCL	MCLGs	Date Collected	WATER RESULTS RANGE/AVERAGE	Violation?	Typical Source of Contamination
Barium - Eelipot	ppm	2	2	Jul.- 23	0.087	NO	Discharge of drilling waste. Discharge from metal refineries. Erosion of natural deposits.
Barium - Blodgett	ppm	2	2	Jul.- 23	0.075	NO	Discharge of drilling waste. Discharge from metal refineries. Erosion of natural deposits.
Barium - 245 well	ppm	2	2	Nov-20	0.12	NO	Discharge of drilling waste. Discharge from metal refineries. Erosion of natural deposits.
Nitrate - Eelipot	ppm	10	10	Quarterly 2023	(2.2 - 2.5) 2.3	NO	Runoff from fertilizer use, leaching from septic tanks, sewage, erosion of natural deposits
Nitrate - Blodgett	ppm	10	10	Jan-23	1.6	NO	Runoff from fertilizer use, leaching from septic tanks, sewage, erosion of natural deposits
Nitrate - 245 well	ppm	10	10	Jul.-21	2.3	NO	Runoff from fertilizer use, leaching from septic tanks, sewage, erosion of natural deposits
Chromium - Eelipot	ppb	100	100	Jul-23	<1.0	NO	Runoff from fertilizer use, leaching from septic tanks, sewage, erosion of natural deposits.
Chromium - Blodgett	ppb	100	100	Jul-23	<1.0	NO	Discharge from steel and pulp mills: Erosion of natural deposits.
Chromium - 245 well	ppb	100	100	Nov-20	8.2	NO	Discharge from steel and pulp mills: Erosion of natural deposits.
Nickel - Eelipot	ppb	100	100	Jul-23	2	NO	Discharge from steel and pulp mills: Erosion of natural deposits.
Nickel - Blodgett	ppb	100	100	Jul-23	1.8	NO	Metal alloys, electroplating, batteries, chemical production.
Nickel - 245 well	ppb	100	100	Nov-20	3.7	NO	Metal alloys, electroplating, batteries, chemical production.
Copper	ppm	AL=1.3	1	Sep-22	(0.077 - 0.44) 0.222	NO	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives
Lead	ppb	AL=15	0	Sep-22	(< 1.0 - 1.8) 1.11	NO	Corrosion of household plumbing systems, erosion of natural deposits.
Halocetic acids Mono-di-, and trichloroacetic acid, and mono-, and di-bromoacetic acid)	ppb	60	N/A	Quarterly 2023	(<1.0 - <2.0) 1.5	NO	By-product of drinking water chlorination needed to kill harmful organisms.
Total Trihalomethanes TTHMs chloroform, bromochloromethane, dibromochloromethane and bromoform	ppb	80	0	Quarterly 2023	(5 - 14) 9.4	NO	By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains large amounts of organic matter.
Eelipot Perfluorooctanesulfonic acid	ng/l	10	N/A	Quarterly 2022	(<1.8 - <1.9) 1.85	no	fire fighting foam, water repellent, industrial processes
Eelipot perfluorooctanoic acid	ng/l	10	N/A	Quarterly 2022	(<1.8 - <1.9) 1.85	no	fire fighting foam, water repellent, industrial processes
Blodgett perfluorooctanesulfonic acid	ng/l	10	N/A	Quarterly 2022	(<1.9 - <1.9) <1.9	NO	fire fighting foam, water repellent, industrial processes
Blodgett perfluorooctanoic acid	ng/l	10	N/A	Quarterly 2022	(<1.9 - <1.9) <1.9	NO	fire fighting foam, water repellent, industrial processes
245 Well perfluorooctanesulfonic acid	ng/l	10	N/A	Quarterly 2020	nd	NO	fire fighting foam, water repellent, industrial processes
245 Well perfluorooctanoic acid	ng/l	10	N/A	Quarterly 2020	nd	NO	fire fighting foam, water repellent, industrial processes
Eelipot Dioxane	ppb	1	N/A	Quarterly 2022	(<0.02 - <0.02) <0.02	NO	fire fighting foam, water repellent, industrial processes
Blodgett Dioxane	ppb	1	N/A	Quarterly 2022	(<0.02 - <0.02) <0.02	NO	fire fighting foam, water repellent, industrial processes
245 Well Dioxane	ppb	1	N/A	Quarterly 2020	<0.20	NO	fire fighting foam, water repellent, industrial processes

## DISCUSSION OF TESTING RESULTS

As you can see by the table, our system had no maximum contaminant violations. We have learned through our testing that some contaminants were detected below the level allowed by the state.

Some people may be more vulnerable to disease causing microorganisms or pathogens 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 from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, Giardia and other microbial pathogens are available from the Safe Drinking Water Hotline 1-800-426-4791.

## IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?

Naples Village is required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not your drinking water meets health standards.

If you have any questions about this report or concerning your water utility, please contact the Village DPW - (585) 374-2435 or the NYSDOH (315) 789-3030.