



PLAINVIEW WATER DISTRICT

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Lead and Copper Fact Sheet

Introduction

The Plainview Water District monitors its distribution system every three years for the presence of Lead and Copper as required under the United States Environmental Protection Agency's (EPA) Lead and Copper Rule. The purpose of the Lead and Copper regulations is to protect public health by minimizing lead and copper levels in public drinking water, primarily by reducing water corrosivity. Because lead and copper exposure is typically due to service line leaching household plumbing materials, tap water samples are taken at kitchen or bathroom taps of select residences.

What are the requirements of the EPA Lead and Copper regulations?

There are no maximum contaminant levels (MCL) set for Lead and Copper however, there are action levels put in place by the Environmental Protection Agency (EPA), New York State Department of Health (NYSDOH) and the Nassau County Health Department (NCHD) for lead and copper exposure.

- Action level for Lead is 0.015 milligrams per liter (mg/L) or 15 part per billion (ppb).
- Action level for Copper is 1.3 milligrams per liter (mg/L).

Water Districts are required to collect a certain number of samples from specifically designated locations within their system depending on the size of their population. The Plainview Water District is required to take thirty (30) samples every three years. The District is to ensure that its water treatment keeps 90 percent of these results below the Action Levels. These calculated findings for Lead and Copper are referred to as the "90th Percentile" results. The Plainview Water District reports the 90th percentile results to the NCHD.

When were samples last taken and what were the levels?

The Plainview Water District conducted its latest round of Lead and Copper sampling in the summer of 2020. The next round of sampling will be in the summer of 2023. As stated above, the District is required to report the 90th percentile of laboratory results to the regulating agencies. The results from the 2020 Lead and Copper samples were as follows:

- 90th percentile for Lead was less than 1.0 ppb or non-detect
- 90th percentile for Copper was 0.082 ppm

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These laboratory results fall far below the action levels for Lead and Copper as in prior sampling. Due to its history of satisfactory sampling results, the NCHD has placed the Plainview Water District on a reduced monitoring schedule of every three years.

All results of the Lead and Copper sampling are furnished to the homeowners that participate in our Lead and Copper program. Furthermore, the 90th percentile results of lead and copper testing is presented to all of our customers in our annual drinking water quality report which can be found at <https://plainviewwater.org/wp-content/uploads/2022/04/22.04.27-2021-PLWD-Drinking-Water-Quality-Report-FINAL1-3.pdf>

For further information on lead and copper please visit the USEPA's website at www.epa.gov, or contact the Plainview Water District at (516) 931-6469 or visit our website at www.plainviewwater.org

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