



## LEAD AND COPPER RULE REVISIONS AND NEW JERSEY BILL A5343

The Legislature declares that all public water systems should fully inventory all services lines and gradually replace all lead service lines, portions of which may exist on private property. According to New Jersey Bill A5343, "a galvanized service line shall be considered to be a lead service line."

The Borough has prepared an initial inventory of the service lines throughout the municipality. The service lines in the Borough consists of copper and galvanized lines. Galvanized pipe is zinc coated steel pipe that may have a lead content of 0.10 percent or less (AWWA Research Foundation 1989).

In compliance with the new Bill, the Borough has initiated a plan to replace all galvanized service lines throughout the municipalities. It should be noted that the Borough has never had a lead exceedance during required routine testing.

It is important to note that Hawthorne's water system has been utilizing air stripping for quite a number of years. This is significant because air stripping removes some of the carbon dioxide from the water. This, in turn, makes the water "encrustive" as opposed to "corrosive." Encrustive water provides a mineral coating on the inside of the pipe which reduces leaching of any material from the pipe material.

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February 24, 2022