

[January 30, 2012; to Rafael.Epstein@dps.ny.gov from Willam.Varley@amwater.com]

Your Honor:

I am responding to the requests for test results regarding iron levels in the Village of Malverne that were made by Your Honor and Commissioner LaRocca. During the public statement hearings held for Long Island American Water's (LIAW's) base rate case, Mr. Thomas Grech of the Village of Malverne made a statement that prior to the iron removal treatment facility being placed into service, he had independent testing done at his home for iron content and he alleged that the results showed his water was double what the Nassau County Department of Health (NCDOH) suggests. As an informal response, I would like to present the following:

At the outset, please note that the NCDOH regulations require that total iron levels must be less than 1.50 mg/l. I state this so that you may have a reference point for the rest of the data that is presented, below.

During the February 2011 meeting that LIAW held with Malverne residents Mr. Grech requested that we sample homeowners identified by the village in order to determine the iron levels in their homes. Mr. Grech provided us with the locations. We used an independent, outside, NYS-Certified Laboratory to run the testing for total iron. At no time did the iron ever exceed or even meet the threshold limit set forth by the NCDOH at any of the homes where water was tested, including Mr. Grech's residence. At the five homes tested, the highest level of iron found was 1.15 mg/l; a low of 0.3 mg/l was also recorded. Additionally, we sampled our sampling station in the Malverne service area and obtained a result of 0.60 mg/l. Once again, all of these levels were within the NCDOH guidelines and were taken before the new iron removal treatment facility was placed into service.

As a follow up, on Tuesday, January 24, 2012 we obtained samples in the Malverne area from the Malverne Department of Public works office, the Malverne Public Library and the same Malverne sampling station in the service area where the 0.60 mg/l February sample result was obtained. The Malverne Department of Public Works office had an iron level of 0.13 mg/l, the Malverne Public Library had an iron level of 0.24 mg/l and the sampling station had an iron reading of 0.03 mg/l.

In summary, as the results above show, at no time even prior to the treatment facility being placed on line were the iron levels ever in violation of the NCDOH standards. In fact, in most cases, they were well

below the allowable limits. Additionally, as evidenced by the most recent sample taken at the same locations before and after the iron removal the plant was placed into service, it is clear that this plant is indeed functioning as designed, providing benefits to both Malverne residents as well as to the rest of our service territory. Currently, LIAW will begin construction on another iron filtration plant, which will also directly service the Village of Malverne, as well as provide benefits to other areas within our service territory. Construction on this plant is expected to begin in 2012, and completion of it is anticipated before the end of 2013.

I trust this information will be helpful. If you need additional information, please contact me.

Respectfully submitted,

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