



181 US Hwy 46  
Mine Hill, NJ 07803  
(908) 654-8068  
(800) 783-0567  
Fax (908) 654-8069  
www.lewcorp.com

September 7, 2018

Leah Dade  
Second Street Youth Center Inc.  
935 South Second Street  
Plainfield, NJ 07060

RE: Lead in water sampling

Dear Ms. Dade,

Questions have arisen regarding the lead in water sampling LEW Corporation performed for Second Street Youth Center located at 200 Plainfield Ave, Plainfield, NJ. On August 7, 2018, LEW Corporation collected 44 first draw potable water sampling from the child care center. Eight of those samples contained concentrations of lead above the NJDEP limit of 15ppb. LEW Corporation recommended and collected second draw flush samples from those eight potable outlets. None of those flush samples indicated lead concentrations above the NJDEP limit. LEW Corporation recommended replacement of the outlets in the eight locations that tested above the limit during the first draw sampling.

Questions were posed to LEW Corporation on the source of lead identified during the first draw sampling. You stated that the building had just finished construction within a month or two of our sampling and that all the potable outlets tested had been brand new installations. LEW Corporation requested and received specifications of the eight elevated outlets. The specifications all indicate that the outlets are certified as lead free under NSF/ANSI 372, meaning that the weighted average of the outlet components have not more than 0.25 percent lead.

Based on the information provided about the outlet lead concentrations and the length of time the outlets were in use, it is my opinion that corrosion of the outlets was not the source of elevated lead concentrations in the eight outlets. Alternatively, I believe the source of lead in the first draw samples was particulates associated with the plumbing/construction project. During the installation of plumbing systems, miniscule pieces of plumbing, solder, etc. are dislodged and can end up inside the outlets. These particulates then ended up in the first draw samples, "spiking" the results. These "spiked" results are not representative of what will be the anticipated usage of those outlets.

This conclusion is further supported by a second set of first draw samples collected by Environmental Consulting, Inc. (ECI) and analyzed by Test America, a NJDEP certified lead in water laboratory. ECI collected first draw and flush samples from the outlets on August 27, 2018. The results of all the samples were below the NJDEP limit of 15ppb.



181 US Hwy 46  
Mine Hill, NJ 07803  
(908) 654-8068  
(800) 783-0567  
Fax (908) 654-8069  
www.lewcorp.com

At this time, LEW Corporation feels the remediation of the eight outlets is not necessary and the elevated lead concentrations were the results of the construction project and the probability of the outlets contributing to elevated lead in water concentrations is low.

If you have any questions or require further clarification, don't hesitate to contact me at (908) 654-8068.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Krueger", is written over a light blue horizontal line.

Greg Krueger  
Senior Vice President  
NJ Licensed Lead Risk Assessor #032405