



GLA WATER CONSULTANTS, INC.

Water Treatment Chemicals & Equipment

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September 5, 2023

Craig Zeigler
Burgettstown School District
100 Bavington Road
Burgettstown, PA 15021

SUBJECT: Burgettstown School District Lead and Copper Report – August 2023

Craig,

Enclosed are copies of the lead and copper analyses conducted on samples taken from the various faucets and water fountains at the Burgettstown School District's Middle/High School and the Elementary building.

From our analyses of twenty two (22) sample taps, all of them passed on both lead and copper based on the 90th percentile. Please Note 1: All of the lead levels were below 5ppb = 0.005 mg/L which is the new action level for the distal taps. Please Note 2: Two of the taps failed based on EPA standards with regard to copper, the High School/Middle School Girl's Coach's Sink was above the limit, and the High School/Middle School 170 J Sink was right at the limit. You should consider doing a heavy flush of these taps and retesting them.

Conclusions

Using only the schools taps and based on the 90th percentile used by the EPA, the Burgettstown Schools would pass the lead and the copper requirements as set forth by the US EPA. However, with the two taps (High School Girl's Coach's Sink and High School 170 J Sink) being above action levels, we recommend flushing and retesting. This is exactly what the EPA would recommend.

If you have any questions about any of these reports or our conclusions, feel free to call me at 412-262-4827.

Respectfully submitted,

Jay Farmerie
JJF:mrl

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WATER TREATMENT CHEMICALS & EQUIPMENT

Lab Services Division

Craig Zeigler
 Burgettstown School District
 100 Bavington Road
 Burgettstown, PA 15021

Date Sampled: 08/09/23

SPECIAL TEST PROCEDURES

Sample Tap	Time Sampled	Lead	Copper	PA DEP Limits
Elementary School Incoming	8:51 am	0.00652 mg/L	0.0812 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Elementary School Dishwasher Right	8:57 am	0.00169 mg/L	0.323 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Elementary School Dishwasher Left	8:58 am	0.00167 mg/L	0.206 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Elementary School Food Prep Sink	8:59 am	0.00180 mg/L	0.424 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Elementary School Cafeteria Hand Sink	9:00 am	0.00145 mg/L	0.221 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Elementary School Cook Cleaning Sink	9:01 am	0.000913 mg/L	0.223 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Elementary School Faculty Sink	9:02 am	0.000778 mg/L	0.166 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Elementary School 1 st Floor Men's Faculty Restroom 2 nd Sink	9:06 am	0.00156 mg/L	0.168 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Elementary School 1 st Floor Men's Faculty Restroom 4 th Sink	9:07 am	0.00211 mg/L	0.168 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Elementary School 1 st Floor Women's Faculty Restroom 1 st Sink	9:08 am	0.00152 mg/L	0.161 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Elementary School 1 st Floor Women's Faculty Restroom 3 rd Sink	9:09 am	0.00374 mg/L	0.181 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Middle School Girl's Coach's Sink	8:37 am	0.00175 mg/L	0.444 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
Middle School Boy's Coach's Sink	8:39 am	0.00157 mg/L	0.526 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
High School 170B Cleaning Stall	8:21 am	0.00456 mg/L	1.05 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper

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High School 170 J Sink	8:22 am	0.00295 mg/L	<i>1.30 mg/L</i>	< 0.015 mg/L - Lead <1.3 mg/L - Copper
High School 170 B Cooking Cleaning Station	8:24 am	0.00133 mg/L	0.198 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
High School 170 B Food Prep	8:25 am	0.00207 mg/L	0.401 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
High School Dishwasher Right	8:27 am	0.00267 mg/L	0.522 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
High School Dishwasher Left	8:28 am	0.00378 mg/L	0.512 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
High School Boy's Coach's Sink	8:32 am	0.00188 mg/L	0.602 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper
High School Girl's Coach's Sink	8:34 am	0.00537 mg/L	<i>1.41 mg/L</i>	< 0.015 mg/L - Lead <1.3 mg/L - Copper
High School/Middle School Incoming Water	8:41 am	0.00739 mg/L	0.0591 mg/L	< 0.015 mg/L - Lead <1.3 mg/L - Copper

Note: All of these taps passed on both lead and copper as regulated by the EPA based on the 90th percentile.

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