Alexandria City High School
Alexandria City Public Schools
ECS Project No. 47:11652-E
Site Visit: September 17, 2021

T.C. Williams High School Copper and Lead Drinking Water Results Table		
Sample Number	**Copper Result (mg/L)**	**Lead Result (mg/L)**
0917ACHS-01-B127-TDS	0.489	0.007
0917ACHS-02-B127-F-LS	0.272	<0.001
0917ACHS-03-B127-F-RS	0.290	0.001
0917ACHS-04-B127-B-LS	0.399	0.004
0917ACHS-05-B127-B-RS	0.317	0.002
0917ACHS-06-B218-L-R1	0.976	0.001
0917ACHS-07-B218-L-R2	0.963	0.003
0917ACHS-08-B218-L-R3	**1.370**	0.003
0917ACHS-09-B218-L-R4	**1.540**	0.002
0917ACHS-10-C210-R-LS	0.137	0.002
0917ACHS-11-C210-R-RS	0.071	0.002
0917ACHS-12-C210-L-RS	0.064	0.006
0917ACHS-13-C210-L-LS	0.050	**0.014**
0917ACHS-14-A216-F-LS	0.076	0.002
0917ACHS-15-A216-F-RS	0.056	0.003
0917ACHS-16-A216-FM-S	0.076	0.004
0917ACHS-17-A216-BM-LS	0.083	0.003
0917ACHS-18-A216-BM-RS	0.083	0.002
0917ACHS-19-A216-BM-S	0.069	0.004

Table Notes:
Red = Above the Action Level
Orange = Above 0.010 mg/L and below 0.015 mg/L

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Sample Number	Copper Result (mg/L)	Lead Result (mg/L)
0917ACHS-20-A317-FM-S-2	0.138	0.004
0917ACHS-21-A317-F-LS-3	0.131	0.002
0917ACHS-22-A317-F-RS-1	0.111	<0.001
0917ACHS-23-A317-BM-LS-4	0.132	0.004
0917ACHS-24-A317-B-S-5	0.120	0.004
0917ACHS-25-A317-BM-RS-6	0.358	0.011
0917ACHS-26-B331-TDS	0.151	0.007
0917ACHS-27-C312-R-LS	0.245	0.002
0917ACHS-28-C312-R-LS	0.395	0.003
0917ACHS-29-C309-R-LS	0.079	0.005
0917ACHS-30-C309-R-RS	0.034	0.002

The EPA's Lead and Copper Rule set an action level of 0.015 mg/L for lead and an action level of 1.3 mg/L for copper. Note these levels are related to public water systems (PWSs). The Code of Virginia requires school boards notify parents if testing results exceed 0.01 mg/L of Lead (Pb).

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