

Dustin Fisk

From: Amanda Enbysk <aenbysk@efulcrum.net>
Sent: Tuesday, April 11, 2017 11:08 AM
To: Keith Colee
Cc: Dustin Fisk; Ryan Mathews
Subject: Drinking Water Sampling - Highlands Middle School 4/5/17 Follow-Up Results
Attachments: Rpt_1704069_Kennewick_SD_Drinking_Water-Highlands_MS_Final_v1.pdf

Keith-

Fulcrum received results from follow-up sampling conducted 4/5/2017 on three fixtures remaining above the copper action level at Highlands Middle School. The District replaced a drinking fountain in the cafeteria with a filtered fixture and completed a 30 minute aggressive flush on the classroom drinking fountains. A summary of results is below and analytical results from Fremont Analytical are attached.

Sample Identification and Location	Type of Fixture	Initial (12/21/16)Copper Results (µg/L)	1/28/17 Follow- Up Copper Results (µg/L)	4/5/17 Follow- Up Copper Results (µg/L)
HMS4517-P-DF-04: Cafeteria	Drinking Fountain	1,400	1,590	306
HMS4517-P-CDF-08: Room 30	Classroom Drinking Fountain	1,500	1,340	1,030
HMS4517-P-CDF-27: Room 01	Classroom Drinking Fountain	1,300	1,450	1,090
HMS4517-P-CDF-35: Laboratory Spike	Lead and Copper Spike	1,300	1,320	1,300
HMS122116-P-OF-36: Laboratory Blank	Distilled Blank	<10	<0.50	<0.5
EPA Action Level		1,300	1,300	1,300

Based on analytical results, the 30 minute aggressive flush and water cooler replacement was successful at reducing copper concentrations below the action level at all fixtures initially identified with elevated copper concentrations. As such, these fixtures can be put back into service.

No further testing or remediation is necessary at Highlands Middle School at this time.

Please let me know if you have any questions.

Thank you,

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