

Dustin Fisk

From: Amanda Enbysk <aenbysk@efulcrum.net>
Sent: Tuesday, April 4, 2017 8:46 AM
To: Keith Colee
Cc: Dustin Fisk; Ryan Mathews
Subject: Drinking Water - Amistad Elementary Follow-Up Results
Attachments: Rpt_1704003_Kennewick_SD_Drinking_Water-Amistad_Elementary_Final_v1.pdf

Keith-

Fulcrum received results of follow-up drinking water sampling conducted 3/31/2017 post fixture replacement at Amistad Elementary. A summary of results is below and analytical results from Fremont Analytical are attached.

Lead-

Sample Identification and Location	Type of Fixture	Initial Lead Results (µg/L)	Follow-Up Lead Results (µg/L)
AE33117-P-CF-33: Support Services 1	Classroom Faucet	15	2.21
AE33117-P-CF-34: Support Services 2	Classroom Faucet	15	6.41
AE33117-P-OF-39: Library Workroom	Office Faucet	28	3.72
AE33117-P-OF-40: Support Services 3	Office Faucet	19	2
AE33117-P-CF-41: Laboratory Blank	Distilled Water Blank	<1.0	<1.00
AE33117-P-CDF-42: Laboratory Spike	Lead and Copper Spike	14	16.4
EPA Action Level		15	15

Copper-

Sample Identification and Location	Type of Fixture	Initial Copper Results (µg/L)	Follow-Up Copper Results (µg/L)
AE33117-P-OF-40: Office across from teacher lounge	Office Faucet	1,600	303
AE33117-P-CF-41: Laboratory Blank	Distilled Water Blank	<1.0	<0.5
AE33117-P-CDF-42: Laboratory Spike	Lead and Copper Spike	1,200	1,270
EPA Action Level		1,300	1,300

The District replaced all four faucets and completed a 24 hour precondition flush before sampling. Based on analytical results, the fixture replacement and was successful at reducing lead and copper concentrations below the action level for all fixtures initially identified as elevated. As such, these fixtures can be put back into service.

No further testing or remediation is necessary at Amistad Elementary School at this time.

Please feel free to contact me with any questions.

Thank you,

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