

Dustin Fisk

From: Amanda Enbysk <aenbysk@efulcrum.net>
Sent: Monday, March 13, 2017 9:11 AM
To: Keith Colee
Cc: Dustin Fisk; Ryan Mathews
Subject: Drinking Water Sampling - Edison Elementary Follow-Up Results
Attachments: Rpt_1703040_Kennewick_SD_Drinking_Water_-_Edison_Elementary_Final_v1.pdf

Keith-

Fulcrum received results from follow-up sampling post aggressive flush conducted 3/4/2017 at Edison Elementary. A summary of results is below and analytical results from Fremont Analytical are attached.

Sample Identification and Location	Type of Fixture	Initial Copper Results (µg/L)	Follow-Up Copper Results (µg/L)
EDE3417-P-CF-05: Room 10	Classroom Faucet	1,300	565
EDE3417-P-CDF-06 : Room 10	Classroom Drinking Fountain	1,400	799
EDE3417-P-CDF-08: Room 12	Classroom Drinking Fountain	1,300	1,050
EDE3417-P-CF-09: Room 14	Classroom Faucet	1,300	586
EDE3417-P-CDF-10: Room 14	Classroom Drinking Fountain	1,500	914
EDE3417-P-CDF-12: Room 16	Classroom Drinking Fountain	1,500	787
EDE3417-P-CF-13: Room 18	Classroom Faucet	1,300	633
EDE3417-P-CDF-14: Room 18	Classroom Drinking Fountain	1,400	908
EDE3417-P-CDF-16: Room 17	Classroom Drinking Fountain	1,500	786
EDE3417-P-CF-17: Room 15	Classroom Faucet	1,300	603
EDE3417-P-CDF-18: Room 15	Classroom Drinking Fountain	1,400	1,040
EDE3417-P-CF-19: Room 15	Classroom Faucet	1,500	965
EDE3417-P-CF-22: Room 1	Classroom Faucet	1,500	867
EDE3417-P-CDF-24: Room 3	Classroom Drinking Fountain	1,500	838
EDE3417-P-CF-25: Room 3	Classroom Faucet	1,500	763
EDE3417-P-CDF-27: Room 5	Classroom Drinking Fountain	1,400	771
EDE3417-P-CF-28: Room 5	Classroom Faucet	1,400	704
EDE3417-P-CDF-30: Room 6	Classroom Drinking Fountain	1,300	1,040
EDE3417-P-CF-31: Room 6	Classroom Faucet	1,300	933
EDE3417-P-CDF-33: Room 7	Classroom Drinking Fountain	1,500	766
EDE3417-P-CDF-35: Room 9	Classroom Drinking Fountain	1,300	986
EDE3417-P-CF-36: Room 9	Classroom Faucet	1,500	762
EDE3417-P-CF-37: Room 8	Classroom Faucet	1,400	595
EDE3417-P-CDF-38: Room 8	Classroom Drinking Fountain	1,300	936
EDE3417-P-CF-39: Room 8	Classroom Faucet	1,300	769
EDE3417-P-CDF-43: Room 19	Classroom Drinking Fountain	1,400	795

EDE3417-P-KF-45: Laboratory Blank	Distilled Water Blank	<10	0.524
EDE3417-P-DF-46: Laboratory Spike	Lead and Copper Spike	1,300	1,110
EPA Action Level		1,300	1,300

Based on analytical results, the aggressive flush was successful at reducing copper concentrations below the action level at all fixtures initially above the action level. As such, these fixtures are safe to be put back into service. At this time, no further testing or remediation is necessary at Edison Elementary.

Please let me know if you have any questions.

Thank you,

Amanda Enbysk, Environmental Technician
 Fulcrum Environmental Consulting, Inc.
 406 North Second Street
 Yakima, WA 98901
 P: 509.574.0839 F: 505.575.8453

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