

## Dustin Fisk

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**From:** Amanda Enbysk <aenbysk@efulcrum.net>  
**Sent:** Friday, February 3, 2017 8:44 AM  
**To:** Keith Colee  
**Cc:** Dustin Fisk; Ryan Mathews  
**Subject:** Drinking Water Sampling - Sagecrest Elementary Results  
**Attachments:** Sample Location Map - Sagecrest Elementary.pdf; W612117\_Final Report\_162017.pdf

Keith-

Fulcrum received drinking water analytical results for Sagecrest Elementary (SCE). Results report 23 samples with elevated copper concentrations. The blank included for this batch is labeled CF-31 and reports lead and copper concentrations below laboratory reporting limits. The spike included in this batch (labeled CF-32 in the analytical results) is reporting at 1,300 µg/L for copper and 15 µg/L for lead, the action levels for both.

Sample numbers and locations are provided below:

KF-01: 1,490 µg/L, faucet in center island of kitchen (food prep only)  
KF-02: 1,850 µg/L, faucet on west wall of kitchen (handwash only)  
CF-06: 1,810 µg/L, faucet in Classroom 14  
CDF-07: 2,900 µg/L, faucet in Classroom 15  
CDF-08: 2,400 µg/L, drinking fountain at sink in Classroom 12  
CF-09: 1,670 µg/L, faucet in Classroom 10  
NF-12: 1,400 µg/L, faucet in Health Room  
OF-13: 1,300 µg/L, faucet in Staff Workroom  
OF-14: 2,000 µg/L, faucet in Staff Lounge  
CDF-15: 2,500 µg/L, drinking fountain at sink in Classroom 9  
CF-16: 2,100 µg/L, faucet in Classroom 7  
CDF-17: 2,400 µg/L, drinking fountain at sink in Classroom 6  
CF-18: 2,400 µg/L, faucet in Classroom 4  
KF-19: 2,200 µg/L, faucet in Classroom 2  
KF-20: 2,000 µg/L, faucet in Classroom 5  
CDF-21: 2,100 µg/L, drinking fountain at sink in Classroom 23  
CF-22: 2,100 µg/L, faucet in Classroom 22  
CDF-23: 1,900 µg/L, drinking fountain at sink in Classroom 25  
CF-24: 1,800 µg/L, faucet in Classroom 27  
OF-25: 1,800 µg/L, faucet in Library Workroom  
CDF-28: 1,600 µg/L, drinking fountain at sink in Classroom 29  
CF-29: 1,900 µg/L, faucet in Classroom 31  
CF-30: 1,900 µg/L, faucet in Classroom 33

This appears to be every fixture we sampled, except the water cooler drinking fountains/bottle fillers. The average concentration of copper in the building is 1,568 µg/L.

Water cooler fountains/bottle fillers reported with an average copper concentration of 217 µg/L, which means all drinking fountains/bottle fillers in the hallways are safe to drink.

Attached are the analytical results and a sample location map. The link below will allow you to download pictures of the fixture styles in question.

<https://efulcrum.sharefile.com/d-sf09c51fcc0e43ad8>

Fulcrum recommends fixtures reporting over the action level be taken out of service until remediation and resampling.

Please feel free to contact me with any questions or concerns.

Thank you,

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