

Dustin Fisk

From: Amanda Enbysk <aenbysk@efulcrum.net>
Sent: Wednesday, January 18, 2017 11:23 AM
To: Keith Colee
Cc: Dustin Fisk; Ryan Mathews
Subject: Drinking Water Sampling Results - Desert Hills Middle School
Attachments: W612099_Final Report_162017.pdf; Desert Hills Middle School - Sample Location Map.pdf

Keith-

Fulcrum received drinking water analytical results for Desert Hills Middle School (DHM). 21 fixtures are reporting with copper concentrations above the action level. The spike we included in this batch (labeled CF-44 in the analytical results) is reporting at 1,200 µg/L for copper, although we know this concentration should be the action level for copper, 1,300 µg/L. As such, it is likely all copper concentrations reported at or above the spiked sample concentration is at or above the action level. A summary of sample locations for each is below:

KF-01: 2,000 µg/L, faucet along west wall of kitchen (handwash station)
KF-02: 2,000 µg/L, faucet along north wall of kitchen (handwash station)
KF-03: 1,200 µg/L, vat fill fixture in kitchen center
KF-04: 1,300 µg/L, faucet along east wall of kitchen outside coolers (handwash station)
KF-05: 2,000 µg/L, faucet along east wall of kitchen, south of corridor (handwash station)
KF-06: 1,900 µg/L, faucet in "Alacarte" at east end of kitchen corridor (handwash station)
CF-16: 1,300 µg/L, easternmost faucet in Classroom 109
CF-17: 1,200 µg/L, faucet west of center in Classroom 109
CF-20: 1,500 µg/L, faucet in Classroom 102
CF-21: 1,400 µg/L, faucet in Classroom 103
OF-22: 1,800 µg/L, faucet in Staff Lounge/breakroom
NF-23: 1,200 µg/L, faucet in Health room/nurse's office
OF-24: 1,300 µg/L, faucet in Conference room
BF-27*: 10,000 µg/L, bottle fill fixture west of offices/admin area
CF-28: 1,700 µg/L, faucet in Classroom 133/Choir room
CF-35: 1,500 µg/L, faucet in Band room
CDF-36: 1,600 µg/L, drinking fountain at sink in Band room
CF-37: 1,300 µg/L, faucet east of center in Classroom 109
CF-38: 1,500 µg/L, westernmost faucet in Classroom 109
CF-39: 1,300 µg/L, west faucet along south wall in Classroom 104
CF-40: 1,400 µg/L, east faucet along south wall in Classroom 104

*Lab is double checking the results for this sample.

Attached are the analytical results and a sample location map. The link below will allow you to download pictures of each of these fixtures.

<https://efulcrum.sharefile.com/d-sd2a9cadea8744fcb>

Fulcrum recommends these fixtures be taken out of service until replacement or resampling.

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

Thank you,

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