



For Santa Barbara
County Schools

Keith Cox
Safety Officer
Risk & Loss Control Manager

April 10, 2019

TO: Dr. Randal Haggard, District
Superintendent

FROM: Keith Cox, Risk & Loss Control Manager
Santa Barbara County Schools/SIPE

RE: Analysis of Lead/Copper Samples in water for Jonata and Oak Valley Schools

Dear Dr. Haggard,

Per your request, on March 19, 2019 Keith Cox brought water sample kits and sampled your drinking water and sinks at various locations throughout Jonata School and Oak Valley schools using a chain of custody protocol rule and submitting samples to Abalone Coast Analytical which in turn submitted the samples to BSK Associates Laboratory in Fresno.

Per EPA guide lines pertaining to drinking water, Lead cannot be above 15 ug/L and Copper contaminate is “actionable” at 1300 ug/L or above.

For Oak Valley School The following were
Sampled:

Nurses Room- Lead: ND; Copper: 660
Water Fountain Library#133- Lead: 6.4; Copper:990
Vapur Water Fountain next to room 400– Lead: ND; Copper: 560
Water Fountain #2 next to room 400-Lead: ND; Copper: 500
Water Fountain #4 by Rm. 401- Lead: ND, Copper: 280

All samples for Oak Valley School were under the requirements, but you may want to pay some attention to the Fountain by the Library #133, as it is in the upper levels for copper. We would recommend a water filtration system that removes copper and lead.

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For Jonata School we sampled the following areas:

Science Rm 128 #6	Lead: ND; Copper: 1100
Vapur #7 Rm 29	Lead: ND; Copper: 310
#8 W/F Science Hall	Lead: ND; Copper: 1200
Teacher's Lounge Sink	Lead: 27; Copper: 59
Water Fountain BB Courts	Lead: ND; Copper: ND

Jonata Schools had a high level of copper in Science room 128, and the Water fountain in the Science Hall. While not "actionable" per title 22, it is something to keep an eye on.

The most alarming was 27 ug/L Lead in the teacher's Lounge Sink. Acceptable level is 15 ug/L.

We believe it has to with water corrosion, thus it is highly recommended some type of water filtration system, such as reverse osmosis, is installed which will reduce these levels significantly. If you have any questions or concerns, do not hesitate to email or call me.

Best Regards,

Keith Cox
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