

DATE: October 17, 2017

TO: Jason Mullin, Assistant Principal

SUBJECT: Marcus HS - IAQ - Air Test - 14 Rooms

In reference to the broken water pipe on Saturday 10/7 that flooded many areas, I inspected the areas with Steven Jones on Monday 1/16. I have submitted a P.O. request to Air Test: D-102 (Conference Room, Principal's Office, Secretary's Office, and Business Office), D-103, D-106, D-108, D-110, C-102, C-104, C-106, C-108, C-109 and C-110. Testing should be done by the end of this week, after school. We should have the results back by the middle of next week. If you have any questions, please contact me.

Thanks,
Paul

Paul Siddall
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Cell: 469-446-8882

DATE: October 31, 2017

TO: Jason Mullins, Assistant Principal

SUBJECT: Marcus HS - IAQ - Air Test Results - 14 Rooms

On Wednesday 10/18, Apex-Titan Air tested the 14 Rooms. It is typically assumed that indoor spore levels in an area with filtered or air conditioned air, and activity levels associated with schools average below the outdoor levels. Data from the airborne fungi sampling indicated that the total indoor concentration of mold/fungi in Room D-102 (Conference Room), was **7.8%**, Room D-102 (Principal's Office), was **12.1%**, Room D-102 (Secretary's Office), was **8.5%**, Room D-102 (Business Office), was **19.8%**, Room D-103, was **26.6%**, Room D-106, was **1.7%**, Room D-108, was **6.9%**, Room D-110, was **5.1%**, Room C-102, was **6.0%**, Room C-104, was **2.6%**, Room C-106, was **16.4%**, Room C-108, was **5568.0%**, Room C-109, was **9.4%**, Room C-110, was **1339.4%**, of the outdoor levels. Utilizing this theory, the indoor concentrations in Rooms C-102 (Conference Room), Room D-102 (Principal's Office), Room D-102 (Secretary's Office), Room D-102 (Business Office), Room D-103, Room D-106, Room D-108, Room D-110, Room C-102, Room C-104, Room C-106, Room C-109, are within the acceptable guidelines for areas with filtered air or air conditioning. **Rooms C-108 and C-110 are high with Aspergillus/Penicillium. Apex Titan and I will be doing further inspection in those two rooms.** If you have any questions, please call me.

Thanks,
Paul

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