THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

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| March 29, 202 | 6 Signature on File | For Custodial Supervisor Use Only | |
|---------------|--|-----------------------------------|--|
| TO: | Russell Schwartz, Principal McNab Elementary | Custodial Issues Addressed | |
| FROM: | Daniel Meyer, Project Manger Environmental Health & Safety Department | Custodial Issues Not Addressed | |
| SUBJECT: | Indoor Air Quality (IAQ) Assessment | | |

On March 28, 2016, I conducted an assessment at **McNab Elementary School.** Attached are findings and recommendations for further assessment, remediation, or corrective actions needed.

The IAQ assessment did identify one or more existing conditions impacting IAQ and has generated appropriate work orders to correct deficiencies in systems and maintenance that could contribute to decreased indoor air quality. At the time of the assessment, these concerns were not an immediate health or safety concern to building occupants. However, due to individual sensitivities and predisposing health factors, it is possible that some building occupants may elicit a health response to agents and / or conditions identified during the evaluation. Therefore, to further improve IAQ, prevent development of future IAQ-related problems, and to reduce the potential for IAQ-related complaints by building occupants, the IAQ Assessment Team recommends appropriate follow up of each item identified and listed in the attached evaluation.

Please ensure that your Head Facilities Serviceperson receives a copy of this correspondence so that the recommendations requiring their attention can be addressed. In an attempt to separate IAQ issues from general maintenance items, the attached assessment may contain direction for site based staff to generate a work order through COMPASS. Within two weeks a representative from the Custodial/Grounds Department will conduct a follow-up visit to ensure that all site based custodial issues have been appropriately addressed.

Should any questions arise, or if the current concerns continue after the attached recommendations have been addressed, please feel free to contact us at 754-321-4200.

cc: Shelley Meloni, Director, Pre-Construction Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division Broward Teachers Union Federation of Public Employees Gerald Devio, Supervisor II Custodial Benjamin Osborne, Supervisor II Custodial Rich Volpi, Supervisor II Custodial Mark Murray, Supervisor II Custodial Sam Bays, Director, Maintenance Operations Kurt Wirz, Area Manager Trades

DM:smn Enc.

| IAQ Assessment | | | | | | | |
|---|--|---------------------------|---|------------|--|--|--|
| McNab | Elementary Evaluation Da | March 28, 2016 | Time of Day 11: | 20 AM | | | |
| Outdoor Conditions Tempera | ature 84.1 Relative | e Humidity 68.9 | Ambient CO2 4 | 01 | | | |
| | ange Relative Humidity 2 - 78 63.9 30 | Range CO 101 101 | | 22 | | | |
| Noticeable Odor No | Visible water damage / staining? | Visible microbial growth? | Amount of material affected | | | | |
| Ceiling2' X 4' Lay inWallsConcrete blockFloor12" x 12" Vinyl | Yes No No | No No | 5 tiles | | | | |
| Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom Surfaces CleanYes | HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean | No Yes No | HVAC Return Grills Clean Inside of Return Duct Clean | No Yes | | | |
| Trash RemovedYesSigns of PestsNoRoom ClutteredNo | Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers | Yes Yes N/A | Unapproved Chemicals / Cleaners in Room Air Fresheners in Room | No No | | | |
| Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean Yes | | Yes Yes | Mechanical Room Clean Inside of HVAC Unit Clean | Yes Yes | | | |
| Fresh Air Intake Location Pollutant Sources Near Air Intake | Over top of exterior mechanic | cal room door ▼ | Fresh Air Intake Free of Obstruction | Yes | | | |
| Observations Microbial growth found inside cabinet in classroom. Contents were removed and wiped with wexcide. Cabinet was clean at the time of inspection. 5 water stained tiles. Supply grills need to be wiped with wexcide. Return grill needs to be vacuumed cleaned. Ceiling around the supply grills need to be either cleaned or replaced. | | | | | | | |

Corrective Actions to be Completed by Site Based Staff

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Corrective Actions to be Completed by PPO

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| Repair HVAC to Reduce Humidity Levels | ▼ |
| Evaluate base cabinets in classroom | ▼ |
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