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

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| August 29, 2 | 017 Signature on File | For Custodial Supervisor Use Only |
|--------------|--|---|
| TO: | Dorys Palacio, Principal McNab Elementary | Custodial Issues Addressed Custodial Issues Not Addressed |
| FROM: | Daniel Meyer, Project Manger Environmental Health & Safety Department | |
| SUBJECT: | Indoor Air Quality (IAQ) Assessment | |

On August 28, 2017, 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.

DM:smn Enc.

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

| IAQ Assessment | | | | | | | |
|---|---|--|---|--------|--|--|--|
| McNab | Elementary Evaluation Da | te August 28, 2017 | Time of Day 10 |) AM | | | |
| Outdoor Conditions Temper | ature 87.1 Relative | e Humidity 71.3 | Ambient CO2 4 | 54 | | | |
| | angeRelative Humidity2 - 7850.830 | Range CO ² % - 60% 1020 | | 26 | | | |
| Noticeable OdorNoCeiling2' X 4' Lay inWallsConcrete block | Visible water damage / staining? No No | Visible microbial growth? No No | Amount of material affected | | | | |
| Floor 12" x 12" Vinyl | No | No | | | | | |
| Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes | HVAC Supply Grills Clean Inside of Supply Duct Clean | Yes | HVAC Return Grills Clean Inside of Return Duct Clean | Yes | | | |
| Room Surfaces Yes Clean | Ceiling at Supply Grills Clean | Yes | Duct Clean | | | | |
| Trash RemovedYesSigns of PestsNo | Exhaust Fans Working Drain Traps Wet | N/A Yes | Unapproved Chemicals / Cleaners in Room | No | | | |
| Room Cluttered No | Food if Stored in Room is in Sealed Containers | N/A | Air Fresheners in Room | No | | | |
| Mechanical Equipment Location | FISH #929A | | Mechanical Room Clean | No | | | |
| Filters Installed Properly No Condensate Pan Clean No | | Yes | Inside of HVAC Unit Clean | 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 | | | | | | | |
| No noticeable odor at the time on Drain pan needs to be cleaned. | | | ilters were installed backy | wards. | | | |

Corrective Actions to be Completed by Site Based Staff

| Sweep floor in the mechanical room | ▼ |
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| Replace filters | ▼ |
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Corrective Actions to be Completed by PPO

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| Clean condensate pan | ▼ |
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| Rinse A/C coil | ▼ |
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