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

## **TELEPHONE (754) 321-4200**

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August 16, 20	016 Signature on File	For Custodial Supervisor Use Only
TO:	Michael Walker, Principal Sunrise Middle	Custodial Issues Addressed
		Custodial Issues Not Addressed
FROM:	Daniel Meyer, Project Manger	
	Environmental Health & Safety Department	
SUBJECT:	Indoor Air Quality (IAQ) Assessment	

On August 16, 2016, I conducted an assessment at **Sunrise Middle 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: 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

Fish   Temperature   Range   Relative Humidity   Range   CO <sup>2</sup> Range   # Occu     201   74.4   72 - 78   55.5   30% - 60%   433   MAX 700 >     Noticeable Odor   No   Visible water damage / staining?   growth?   Amount of material affected     Ceiling   Plaster   No   No	
Fish   Temperature   Range   Relative Humidity   Range   CO <sup>2</sup> Range   # Occu     201   74.4   72 - 78   55.5   30% - 60%   433   MAX 700 >   Ambient     Noticeable Odor   No   Visible water damage / staining?   Visible microbial growth?   Amount of material affected     Ceiling   Plaster   No   No   Imaterial affected     Walls   Plaster   No   No   Imaterial affected     Floor   Quarry Tile   No   No   Imaterial affected     Ceiling Clean   Yes   HVAC Supply Grills Clean   No   HVAC Return Grills Clean     Flooring Clean   Yes   Inside of Supply Duct Clean   Imaterial Supply Grills Clean   Imaterial Supply Grills Clean   Imaterial Supply Grills Clean     Room Surfaces   Yes   Ceiling at Supply Grills Clean   Yes   Imaterial Supply Grills Clean   Yes	AM
201   74.4   72 - 78   55.5   30% - 60%   433   MAX 700 > Ambient     Noticeable Odor   No   Visible water damage / staining?   Visible microbial growth?   Amount of material affected     Ceiling   Plaster   No   No   No   Imaterial affected     Walls   Plaster   No   No   No   Imaterial affected     Floor   Quarry Tile   No   No   Imaterial affected     Ceiling Clean   Yes   HVAC Supply   No   HVAC Return Grills Clean   Imaterial affected     Walls Clean   Yes   Inside of Supply   Yes   Imaterial affected   Imaterial affected     Flooring Clean   Yes   Duct Clean   No   Imaterial affected   Imaterial affected     Room Surfaces   Yes   Ceiling at Supply   Yes   Imaterial affected   Imaterial affected	
Noticeable Odor No Visible water damage/ staining? Home of the second growth? material affected   Ceiling Plaster No No No   Walls Plaster No No No   Floor Quarry Tile No No No   Ceiling Clean Yes HVAC Supply Grills Clean No HVAC Return Grills Clean HVAC Return Grills Clean   Walls Clean Yes Inside of Supply Duct Clean Yes Inside of Return Duct Clean Inside of Return Duct Clean	i <b>pants</b> 2
Walls Plaster No No   Floor Quarry Tile No No   Ceiling Clean Yes HVAC Supply Grills Clean No   Walls Clean Yes HVAC Return Grills Clean HVAC Return Grills Clean   Walls Clean Yes Inside of Supply Duct Clean HVAC Return Grills Clean   Room Surfaces Yes Ceiling at Supply Grills Clean Yes	
Walls Clean Yes Grills Clean No Grills Clean Grills Clean   Walls Clean Yes Inside of Supply Duct Clean Yes Inside of Return Duct Clean Inside of Return Duct Clean Inside of Return Duct Clean   Room Surfaces Yes Ceiling at Supply Grills Clean Yes	
Flooring Clean Yes Inside of Supply Duct Clean Yes Inside of Return Duct Clean   Room Surfaces Clean Yes Ceiling at Supply Grills Clean Yes	No
Clean Grills Clean Fes	No
Trash Removed Yes Exhaust Fans Working N/A Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No Drain Traps Wet N/A   Room Cluttered No Food if Stored in Room is in Sealed Containers N/A	No
Mechanical Equipment Location FISH Mechanical Room Clean	Yes
Filters Installed Properly Yes Filters Clean No Inside of HVAC Unit Clean	Yes
Condensate Pan Clean Yes Cooling Coil Clean Yes	
Fresh Air Intake Location Not readily accessible ▼ Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	
Observations	
Cafe Manager Ofiice - Spotty growth previously cleaned. Supply grill needs to be wiped with wexcide. Return gril ductwork needs to be cleaned. Wipe interior of cabinet doors with wexcide. Change A/C filters	and

Corrective Actions to be Completed by Site Based Staff

Clean supply and return grills	▼
Wexcide interior of cabinet doors	▼
Change A/C filters	▼
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## Corrective Actions to be Completed by PPO

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Clean return ductwork		
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