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

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

FACSIMILE: (754) 321-4285

November 2	0, 2017 Signature on File	For Custodial Supervisor Use Only		
		Custodial Issues Addressed		
TO:	Craig Saddler, Principal Markham Elementary	Custodial Issues Not Addressed		
FROM:	Dan Meyer, Project Manager Environmental Health & Safety Department			
SUBJECT:	Indoor Air Quality (IAQ) Assessment			

On November 14, 2017, I conducted an assessment at **Markham Elementary School.** Attached are findings and recommendations for further assessment, remediation, or corrective actions needed.

The IAQ Assessment did not identify any existing conditions significantly impacting IAQ or presenting immediate health and safety concerns 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 allergens and / or conditions noted 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 any item/s identified and noted 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 Assessr	nent		
Markham, Robert C. Ele	mentary Evaluation Dat	e November 14, 2017	Time of Day 10:	45 AM
Outdoor Conditions Temperatur	e 83.1 Relative	Humidity 64.1	Ambient CO2 4	48
Fish Temperature Range   119 74.1 72 - 78		Range CO <sup>2</sup> % - 60% 1056		2
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	Νο	No		
Walls Plaster	No	No		
Floor 12" x 12" Vinyl	Νο	No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	No
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	No
Room Surfaces No Clean	Ceiling at Supply Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No	Drain Traps Wet	N/A	Air Freeberger	
Room Cluttered Yes	Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	Yes
Mechanical Equipment Location <b>FI</b>	SH #126		Mechanical Room Clean	No
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean Yes	Cooling Coil Clean	Yes		
Fresh Air Intake Location			Yes	
Pollutant Sources Near Air Intake	)	▼	of obstruction	
Observations				
Elevated surfaces need to be wiped removed. Store items in plastic con need to be removed.				

Corrective Actions to be Completed by Site Based Staff

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Thoroughly Clean elevated surfaces	▼
Reduces items so Room can be cleaned properly	▼
Remove return grill and vacuum	▼
Store items in plastic containers with lids	▼
Remove items in Mechanical Room	▼
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## Corrective Actions to be Completed by PPO

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	IAQ Assessr	nent		
Markham, Robert C. I	Elementary Evaluation Dat	e November 14, 2017	<b>Time of Day</b> 10:	45 AM
Outdoor Conditions Temperat	ture 83.1 Relative	Humidity 64.1	Ambient CO2 4	48
FishTemperatureRar119A73.772		Range CO <sup>2</sup> % - 60% 1086		ccupants 1
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
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Walls Plaster	No	No		
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