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

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October 2	0, 2015 Signature on File	For Custodial Supervisor Use Only
TO:	Thomas Schroeder, Principal Margate Elementary	Custodial Issues Addressed
FROM:	Daniel Meyer, Project Manager Environmental Health & Safety Department	Custodial Issues Not Addressed
SUBJECT:	Indoor Air Quality (IAQ) Assessment	

On October 20, 2015, I conducted an assessment at **Margate 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 Volipi, Supervisor II Custodial Mark Murray, Supervisor II Custodial Sam Bays, Director, Maintenance Operations Kurt Wirz, Area Manager Trades

IAQ Assessment				
Margate	Elementary Evaluation D	october 19, 2015	Time of Day 1:	30 PM
Outdoor Conditions Tempera	ature 83.8 Relativ	ve Humidity 60.1	Ambient CO2 4	24
	AngeRelative Humidity2 - 7865.83	Range CO 30% - 60% 113		ccupants 28
Noticeable Odor Yes	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	Yes	No	1 tile	
Walls Drywall	Yes	No	North wall	
Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	Νο	HVAC Return Grills Clean	Yes
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Working	Yes	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No	Drain Traps Wet	Yes		
Room Cluttered No	Food if Stored in Room is in Sealed Containers	s N/A	Air Fresheners in Room	No
Mechanical Equipment Location	Bard like HVAC system in cl	assroom	Mechanical Room Clean	N/A
Filters Installed Properly Yes	s Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean Yes	Cooling Coil Clean	Yes		
Fresh Air Intake Location	Behind Bard unit/Exterior wa	all 🔻	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	Νο	▼	of Obstruction	
Observations				
1 ceiling tile with a water stain (i wall can be checked. High humi intrusion from the A/C unit abov	dity levels in classroom. Supp			

Corrective Actions to be Completed by Site Based Staff		
Clean Supply Grills with Wexcide	▼	
Replace stained ceiling tile after repair	▼	
	▼	
	▼	
	▼	
	▼	
	▼	
	▼	

Corrective Actions to be Completed by PPO

Confective Actions to be completed by 110	
Repair HVAC to Reduce Humidity Levels	▼
Repair HVAC to reduce CO2 level in classroom	▼
Evaluate water damage under window - North wall	▼
Evaluate water stained ceiling tile	▼
	▼
	▼
	▼
	▼

	IAQ Assess	ment		
Margate	Elementary Evaluation Dat	te October 19, 2015	Time of Day 1::	30 PM
Outdoor Conditions Tempera	ture 83.8 Relative	e Humidity 60.1	Ambient CO2 4	24
		Range CO ² % - 60% 978		ccupants 2
Noticeable OdorYesCeiling2' X 4' Lay inWallsDrywall	Visible water damage / staining? No No	Visible microbial growth? No No	Amount of material affected	
Floor 12" x 12" Vinyl	No	Νο		
Ceiling CleanYesWalls CleanYesFlooring CleanYes	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		
Trash RemovedYesSigns of PestsNoRoom ClutteredYes	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A No N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean Yes		ssroom Yes Yes	Mechanical Room Clean Inside of HVAC Unit Clean	N/A Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Behind Bard unit/Exterior wa	II ▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations Room used as storage. High hur ventilated storage rooms.	nidity levels. Sink trap was dry	. Cardboard boxes sh	ould be stored in properl	y

Corrective Actions to be Completed by Site Based Staff

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Corrective Actions to be Completed by PPO

Repair HVAC to Reduce Humidity Levels	▼
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	▼
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