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

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November 2,	2017 Signature of	n File	For Custodial Supervisor Use Only
TO:	Joanne Schlissel, Principal		Custodial Issues Addressed
	Miramar Elementary		Custodial Issues Not Addressed
FROM:	Alison Witoshynsky, Project Environmental Health & Saf		
SUBJECT:	Indoor Air Quality (IAQ) As	sessment	

On October 27, 2017, 2017, I conducted an assessment at **Miramar 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.

AW: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				
Miramar	Elementary Evaluation Dat	e October 27, 2017	Time of Day 1:15 PM			
Outdoor Conditions Tempera	ture 82.4 Relative	Humidity 52.8	Ambient CO2 460			
		Range CO ² % - 60% 459	Range# OccupantsMAX 700 >0Ambient0			
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected			
Ceiling 2' X 4' Lay in	Yes	No	very dusty-224A			
Walls Plaster/Tack Board	No	Yes	tackboard is stained			
Floor 12" x 12" Vinyl	No	No				
Ceiling Clean No	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	No				
Trash Removed Yes	Exhaust Fans Working	Yes	Unapproved Chemicals / Cleaners in Room			
Signs of Pests No	Drain Traps Wet	Yes				
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners No in Room			
Mechanical Equipment Location	FISH 224/225C		Mechanical Room Clean Yes			
Filters Installed Properly Yes	Filters Clean	Νο	nside of HVAC Unit Clean Yes			
Condensate Pan Clean Yes	Cooling Coil Clean	Yes				
Fresh Air Intake Location		▼	Fresh Air Intake Free			
Pollutant Sources Near Air Intake		▼				
Observations						
Staining on outer vinyl covering of tackboard wall started after hurricane event. Not present on the plaster walls within						
the classrooms. 244-window open and could not be closed. Facilities staff could not identify when problem with window started, but						
assume before hurricane and then lost power for approximately 1 week after.						
225-1/2 classroom rebuilt with drywall (no staining).						

Corrective Actions to be Completed by Site Based Staff

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V
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V
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Corrective Actions to be Completed by PPO

Evaluate/Repair bathroom exhaust operation	▼
Screw window shut from outside	▼
	▼
	▼
	▼
	▼
	▼
	▼