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

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October 2	7, 2015 Signature on File	For Custodial Supervisor Use Only
TO:	Tamara Zaslow, Principal Stirling Elementary	Custodial Issues Addressed
FROM:	Robert Krickovich, Coordinator, LEA Environmental Health & Safety Department	Custodial Issues Not Addressed
SUBJECT:	Indoor Air Quality (IAQ) Assessment	

On October 16, 2015, I conducted an assessment at **Stirling 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 Assess	ment		
Stirling Eler	nentary School Evaluation Da	te October 16, 2015	Time of Day 10:0	0 AM
Outdoor Conditions Temp	perature 81.2 Relative	e Humidity 79.7	Ambient CO2 53	3
FishTemperature30070.5	RangeRelative Humidity72 - 7853.230	Range CO ² % - 60% 704	Range # Oc MAX 700 > Ambient	cupants 3
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 2' Lay in Walls Plaster	No	No		
Floor Carpet	No	No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	Yes	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	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No Room Cluttered No	Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	No
Mechanical Equipment Location	on FISH 311		Mechanical Room Clean	Yes
Filters Installed Properly	Yes Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean	No Cooling Coil Clean	Νο		
Fresh Air Intake Location	Roof top	▼	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	None	▼	of obstruction	
Observations				
	ist stated that room had not been xes of books with staining / dust /			edia

Corrective Actions to be Completed by Site Based Staff

Thoroughly clean all books in media center	▼
	▼
	▼
	▼
	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Clean HVAC coil and pan
Coil in poor condition may not be able to clean

	IAQ Asse	essment		
Stirling Ele	ementary School Evaluation	Date October 16, 2015	Time of Day 10:	00 AM
Outdoor Conditions Ten	nperature 81.2 Rela	ative Humidity 79.7	Ambient CO2 5	33
FishTemperature12772.1	RangeRelative Humidity72 - 7865.9	Range CO ² 30% - 60% 889		ccupants 12
Noticeable Odor No	Visible water damage staining?	/ Visible microbial growth?	Amount of material affected	
Ceiling 2' X 2' Lay in	No	No		
Walls Tack Board	No	No		
Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Flooring Clean Yes	Inside of Suppl Duct Clean	ly Yes	Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supp Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Workin		Unapproved Chemicals / Cleaners in Room	No
Signs of PestsNoRoom ClutteredNo	Drain Traps W Food if Stored in Room in Sealed Containers		Air Fresheners in Room	No
Mechanical Equipment Loca	tion FISH 127B		Mechanical Room Clean	Yes
Filters Installed Properly	Yes Filters Clea	an Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean	Yes Cooling Coil Clea	an Yes		
Fresh Air Intake Location Pollutant Sources Near Air	Outside of Room	▼	Fresh Air Intake Free of Obstruction	Yes
Intake	None	▼		
Observations				
Humidity slightly elevated.				

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	▼
	▼
	▼
	▼
	▼
	▼
	▼
	▼