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

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

#### FACSIMILE: (754) 321-4285

June 23, 2016	Signature on File	For Custodial Supervisor Use Only
TO:	Mari Elena Menendez, Principal Hollywood Park Elementary	Custodial Issues Addressed Custodial Issues Not Addressed
FROM:	Robert Krickovich, Coordinator, LEA Environmental Health & Safety Department	
SUBJECT:	Indoor Air Quality (IAQ) Assessment	· · · · · · · · · · · · · · · · · · ·

On June 21, 2016, I conducted an assessment at **Hollywood Park 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.

RK: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

	IAQ Assess	ment		
Hollywood Park	Elementary Evaluation Da	te June 21, 2016	Time of Day 11:0	0 AM
Outdoor Conditions Tempera	ture 82.8 Relative	e Humidity 71.0	Ambient CO2 44	3
	nge Relative Humidity - 78 74.8 30	Range CO <sup>2</sup> % - 60% 425		2
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsPlaster/Tack BoardFloor12" x 12" Vinyl	No No No	No No No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean Inside of Supply	Yes	HVAC Return Grills Clean Inside of Return	Yes
Flooring Clean Yes Room Surfaces Yes Clean	Duct Clean Ceiling at Supply Grills Clean	Yes	Duct Clean	
Trash RemovedYesSigns of PestsNo	Exhaust Fans Working Drain Traps Wet	N/A	Unapproved Chemicals / Cleaners in Room	No
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	No
Mechanical Equipment Location	FISH 140		Mechanical Room Clean	Yes
Filters Installed ProperlyYesCondensate Pan CleanYes	7	Yes	Inside of HVAC Unit Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Corrective Actions to be Completed by Site Based Staff

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## Corrective Actions to be Completed by PPO

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Repair HVAC to Reduce Humidity Levels	▼
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	IAQ Assess	nent		
Hollywood Par	k Elementary Evaluation Date	e June 21, 2016	Time of Day 11:0	0 AM
Outdoor Conditions Tempe	rature 82.8 Relative	Humidity 71.0	Ambient CO2 44	3
		Range CO <sup>2</sup> % - 60% 417	Range # Occ MAX 700 > Ambient	2
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	No	No		
Walls Plaster/Tack Board	No	No		
Floor 12" x 12" Vinyl	No	No		
Ceiling 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	Yes N/A	Air Fresheners in Room	No
Mechanical Equipment Location	FISH 212		Mechanical Room Clean	Yes
Filters Installed Properly Ye Condensate Pan Clean Ye		Yes	Inside of HVAC Unit Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Intake		I		
Observations Metal deck above lay in ceiling				

Corrective Actions to be Completed by Site Based Staff

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## Corrective Actions to be Completed by PPO

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	IAQ Assess	nent		
Hollywood Park	Elementary Evaluation Date	e June 21, 2016	Time of Day 11:	00 AM
Outdoor Conditions Tempera	ture 82.8 Relative	Humidity 71.0	Ambient CO2 4	43
		Range CO <sup>2</sup> % - 60% 427		ccupants 3
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsPlaster/Tack BoardFloor12" x 12" Vinyl	Yes No	No No	1 stained ceiling til	e
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes Room Surfaces Yes Clean	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredYes	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean Yes	-	Yes Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	<ul><li>▼</li></ul>	Fresh Air Intake Free of Obstruction	Yes
Observations 1 stained ceiling tile back center on metal duct where water drips				tstain

Corrective Actions to be Completed by Site Based Staff

Encourage occupant to reduce clutter	▼
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### Corrective Actions to be Completed by PPO

Repair HVAC to Reduce Humidity Levels	▼
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Evaluate and repair cause of stained ceiling tile	▼
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