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

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

FACSIMILE: (754) 321-4285

November	r 5, 2015 Signature on File	For Custodial Supervisor Use Only
TO:	Mindy Morgan, Principal Country Isles Elementary	Custodial Issues Addressed
FROM:	Robert Krickovich, Coordinator, LEA Environmental Health & Safety Department	Custodial Issues Not Addressed
SUBJECT:	Indoor Air Quality (IAQ) Assessment	

On November 3, 2015, I conducted an assessment at **Country Isles 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				
Country Isles Elemen	ntary School Evaluation Dat	November 3, 2015	Time of Day 1:00	D PM
Outdoor Conditions Temper	ature 89.8 Relative	e Humidity 63.8	Ambient CO2 43	4
		Range CO <sup>2</sup> % - 60% 1365	Range # Oc MAX 700 > Ambient	cupants 2
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	No	No		
Walls Homasote	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	N/A	Air Fresheners in Room	No
Mechanical Equipment Location	Wall Mounted Unit		Mechanical Room Clean	N/A
Filters Installed Properly Yes	s Filters Clean	Yes	Inside of HVAC Unit Clean	N/A
Condensate Pan Clean N/A	Cooling Coil Clean	N/A		
Fresh Air Intake Location	Outside of Unit	▼	Fresh Air Intake Free	Yes
Pollutant Sources Near Air Intake	None	▼	of Obstruction	
Observations				
Wood around exterior of window	ws rotten			

### 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 water damaged wood around windows	▼
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	IAQ Assessi	ment		
Country Isles Elemer	ntary School Evaluation Dat	November 3, 2015	Time of Day 1:00	PM
Outdoor Conditions Tempera	ature 89.8 Relative	e Humidity 63.8	Ambient CO2 43	4
		Range CO <sup>2</sup> % - 60% 454	Range # Occ MAX 700 > Ambient	2
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
CeilingHomasoteWallsHomasoteFloor12" x 12" Vinyl	Yes   No   No	Yes No No	20 Sq Ft	
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	Wall Mounted Unit		Mechanical Room Clean	N/A
Filters Installed Properly Yes	5 Filters Clean	Yes	Inside of HVAC Unit Clean	N/A
Condensate Pan Clean N/A	Cooling Coil Clean	N/A		
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Unit None	<ul><li>▼</li></ul>	Fresh Air Intake Free of Obstruction	Yes
Observations				
20 Square Feet of ceiling materi to remove and replace - Homaso			al growth (less than 1 sq ft	) PPO

### Corrective Actions to be Completed by Site Based Staff

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## Corrective Actions to be Completed by PPO

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