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

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April 19, 20	Signature on File	For Custodial Supervisor Use Only	
TO:	Katherine Policastro, Principal Park Springs Elementary	Custodial Issues Addressed  Custodial Issues Not Addressed	
FROM:	Daniel Meyer, Project Manager Environmental Health & Safety Department		
SUBJECT:	Indoor Air Quality (IAQ) Assessment		

On April 18, 2016, I conducted an assessment at **Park Springs 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.

DM: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 Assessment**

Park Springs Elem	entary Evaluation Da	April 18, 2016	Time of Day 1	1AM		
Outdoor Conditions Temperature	82.7 Relativ	e Humidity 54.1	Ambient CO2 39	98		
Fish         Temperature         Range           132         71.5         72 - 78	Relative Humidity 74.2 30	Range CO <sup>2</sup> 1493		ecupants 2		
Noticeable Odor Yes	Visible water damage / staining?	Visible microbial growth?	Amount of material affected			
Ceiling         2' X 4' Lay in           Walls         Drywall           Floor         12" x 12" Vinyl	Yes No No	No No	1 tile			
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean	No Yes	HVAC Return Grills Clean Inside of Return Duct Clean	No Yes		
Room Surfaces No Clean	Ceiling at Supply Grills Clean	Yes				
Trash Removed Yes  Signs of Pests No	Exhaust Fans Working  Drain Traps Wet	Yes	Unapproved Chemicals / Cleaners in Room Air Fresheners	No No		
Room Cluttered Yes	Food if Stored in Room is in Sealed Containers	Yes	in Room			
Mechanical Equipment Location Abo	ove Ceiling		Mechanical Room Clean	N/A		
Filters Installed Properly  Condensate Pan Clean  Yes	Filters Clean Cooling Coil Clean	No Yes	Inside of HVAC Unit Clean	Yes		
Fresh Air Intake Location  Pollutant Sources Near Air Intake	of top	▼	Fresh Air Intake Free of Obstruction	Yes		
Observations						
Reduce items in classroom so it can be cleaned properly. Wooden cabinets need to be wiped clean. Interior of book cabinet on East wall needs to be wiped with wexcide. Reduce cardboard boxes and paper products - store items in plastic containers with lids. Humidity and CO2 levels are elevated.						
Corrective Actions to be Completed	by Site Based Staff	Corrective Action	ns to be Completed by PP	0		

Room too cluttered to clean properly		
Reduce items		
Wipe interior of book cabinet with wexcide		
Replace filter + clean return grill	•	
Clean supply grills with wexcide	•	
Replace stained ceiling tile by A/C		
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Repair HVAC to Reduce Humidity Levels		
Repair HVAC to reduce CO2 level in classroom	▼	
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