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

TELEPHONE (754) 321-4200

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February 13,	2017 Signatur	re on File	For Custodial Supervisor Use Only
TO:	Kathy May, Principal Lakeside Elementary		Custodial Issues Addressed Custodial Issues Not Addressed
FROM:	Alison Witoshynsky, Project Mar Environmental Health & Safety I	0	
SUBJECT:	Indoor Air Quality (IAQ) Assess	ment	

On February 10, 2017, I conducted an assessment at **Lakeside 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: 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 Mark Murray, Supervisor II Custodial Sam Bays, Director, Maintenance Operations Kurt Wirz, Area Manager Trades

IAQ Assessment					
Lakeside	Elementary Evaluation Dat	e February 10, 2017	Time of Day 1200		
Outdoor Conditions Tempera	ature 81.3 Relative	Humidity 47.0	Ambient CO2 434		
		Range CO ² % - 60% 769	Range# OccupantsMAX 700 >0Ambient0		
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected		
Ceiling 2' X 2' Lay in Walls Drywall Floor Carpet		No No			
	Yes	No	walkways/high traffic area		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean Inside of Supply	Yes	HVAC Return Grills Clean Yes Inside of Return		
Flooring Clean No Room Surfaces Yes Clean	Duct Clean Ceiling at Supply Grills Clean	Yes	Duct Clean		
Trash RemovedNoSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room		
Mechanical Equipment Location	FISH 108A		Mechanical Room Clean Yes		
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean Yes		
Condensate Pan Clean Yes	Cooling Coil Clean	Yes			
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top No	▼	Fresh Air Intake Free N/A		
Observations					
Assessment requested based or symptoms. Carpet is original to admin area. Quilt hanging in sp	school @ 18 years. Visible sta	ains/worn in high traffic			

Corrective Actions to be Completed by Site Based Staff

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Corrective Actions to be Completed by PPO

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Evaluate the need for carpet replacement	▼
Recommend carpet replacement	▼
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IAQ Assessment					
Lakeside E	Elementary Evaluation Date	e February 10, 2017	Time of Day 1	200	
Outdoor Conditions Temperat	ure 81.3 Relative	Humidity 47.0	Ambient CO2 4	34	
FishTemperatureRan101Q75.772 -		Range CO ² % - 60% 788	Range # Oo MAX 700 > Ambient	ccupants 0	
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected		
Ceiling 2' X 2' Lay in Walls Drywall	No	No			
Floor Carpet	Yes	No	walkways/high traffic :	area	
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	No	
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes			
Trash Removed No	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No	
Signs of PestsNoRoom ClutteredNo	Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	No	
Mechanical Equipment Location	FISH 108A		Mechanical Room Clean	Yes	
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	Yes	
Condensate Pan Clean Yes	Cooling Coil Clean	Yes			
	Roof top	▼	Fresh Air Intake Free of Obstruction	N/A	
Pollutant Sources Near Air Intake	No	▼			
Observations					
Principal's Office. Assessment requested based on symptoms. Carpet is original to s admin area.					

Corrective	Actions to	be Com	nleted by	/ Site Based	Staff
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Clean dust buildup on horizontal/elevated surfaces	▼
Remove return grill and vacuum	▼
Encourage occupants to reduce clutter for	▼
better cleaning	▼
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Corrective Actions to be Completed by PPO

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Evaluate the need for carpet replacement	▼
Recommend carpet replacement	▼
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