

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

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March 31, 2016

Signature on File

TO: Joanne Schlissel, Principal
Miramar Elementary School

FROM: Robert Krickovich, Coordinator LEA
Environmental Health & Safety Department

SUBJECT: Indoor Air Quality (IAQ) Assessment

<u>For Custodial Supervisor Use Only</u>	
<input type="checkbox"/>	Custodial Issues Addressed
<input type="checkbox"/>	Custodial Issues Not Addressed
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On March 30, 2016, I conducted an assessment at **Miramar 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 Volpi, Supervisor II Custodial
Mark Murray, Supervisor II Custodial
Sam Bays, Director, Maintenance Operations
Kurt Wirz, Area Manager Trades

RK:smn
Enc.

IAQ Assessment

Miramar Elementary School

Evaluation Date March 30, 2016

Time of Day 11:15 AM

Outdoor Conditions Temperature 73.3 Relative Humidity 98.1 Ambient CO2 484

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
117	70.4	72 - 78	75.9	30% - 60%	746	MAX 700 > Ambient	1
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
Ceiling		Walls		Floor			
No		Plaster		Plaster / Ceramic Tile		Ceramic Tile	
No		No		No		No	
No		Yes		Yes		No	
No		No		No		Spotty	
No		No		No		Spotty	
No		No		No			
Ceiling Clean	No	HVAC Supply Grills Clean	N/a	HVAC Return Grills Clean	N/a		
Walls Clean	No	Inside of Supply Duct Clean	N/A	Inside of Return Duct Clean	N/A		
Flooring Clean	No	Ceiling at Supply Grills Clean	N/a				
Room Surfaces Clean	No						
Trash Removed	Yes	Exhaust Fans Working	No	Unapproved Chemicals / Cleaners in Room	No		
Signs of Pests	No	Drain Traps Wet	Yes	Air Fresheners in Room	No		
Room Cluttered	No	Food if Stored in Room is in Sealed Containers	N/A				
Mechanical Equipment Location	FISH 120					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	Outside of Room ▼					Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	None ▼						

Observations

IAQ Response Protocol NOT completed - Restroom - ceiling, walls, floor dirty - spotty microbial growth on all surfaces - Staff to thoroughly clean all surfaces - PPO to check exhaust fan for proper operation, check fan interlock with HVAC.

Corrective Actions to be Completed by Site Based Staff

Thoroughly clean ALL surfaces	▼
	▼
	▼
	▼
	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
Check HVAC controls Shut Down and fan interlock	▼
	▼
	▼
	▼
	▼