

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

TELEPHONE (754) 321-4200

FACSIMILE: (754) 321-4285

July 28, 2016

Signature on File

TO: Joanne Schlissel, Principal
Miramar Elementary

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 July 26, 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.

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 Assessment

Miramar Elementary School

Evaluation Date July 26, 2016

Time of Day 11:00 AM

Outdoor Conditions Temperature 86.7 Relative Humidity 89.7 Ambient CO2 464

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
115	71.2	72 - 78	71.4	30% - 60%	786	MAX 700 > Ambient	4
Noticeable Odor		No	Visible water damage / staining?		Visible microbial growth?		Amount of material affected
Ceiling	2' X 4' Lay in		No		No		
Walls	Plaster		No		No		
Floor	Carpet		No		No		
Ceiling Clean		Yes	HVAC Supply Grills Clean		Yes	HVAC Return Grills Clean Yes	
Walls Clean		Yes	Inside of Supply Duct Clean		Yes	Inside of Return Duct Clean Yes	
Flooring Clean		Yes	Ceiling at Supply Grills Clean		Yes		
Room Surfaces Clean		Yes					
Trash Removed		Yes	Exhaust Fans Working		N/A	Unapproved Chemicals / Cleaners in Room No	
Signs of Pests		No	Drain Traps Wet		N/A	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 No	
Condensate Pan Clean		No	Cooling Coil Clean		No		
Fresh Air Intake Location			Outside of Room ▼			Fresh Air Intake Free of Obstruction Yes	
Pollutant Sources Near Air Intake			None ▼				

Observations

Temperature low - Humidity Elevated - Inside of HVAC unit dusty - Coil looks to be in poor condition.

Corrective Actions to be Completed by Site Based Staff

	▼
	▼
	▼
	▼
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	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Repair HVAC to Reduce Humidity Levels	▼
Set Temperature to 72 - 78 degrees	▼
Clean HVAC coil and inside of unit	▼
Coil may be to corroded to clean	▼
	▼
	▼
	▼
	▼

