

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

TELEPHONE (754) 321-4200

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September 25, 2015 Signature on File

TO: Frank Zagari, Principal
 Indian Ridge Middle

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 September 25, 2015, I conducted an assessment at **Indian Ridge Middle 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

RK/je
Enc.

IAQ Assessment

Indian Ridge Middle

Evaluation Date September 25, 2015

Time of Day 8:30 AM

Outdoor Conditions Temperature 81.7

Relative Humidity 96.6

Ambient CO2 405

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
171	73.9	72 - 78	79.5	30% - 60%	512	MAX 700 > Ambient	2
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
Ceiling		Walls		Floor			
No		No		No			
2' X 2' Lay in		Drywall		VINYL			
No		No		No			
Ceiling Clean		Walls Clean		Flooring Clean		Room Surfaces Clean	
Yes		Yes		Yes		Yes	
HVAC Supply Grills Clean		Inside of Supply Duct Clean		Ceiling at Supply Grills Clean		HVAC Return Grills Clean	
Yes		Yes		Yes		Yes	
Trash Removed		Signs of Pests		Room Cluttered		Exhaust Fans Working	
Yes		No		No		N/A	
Drain Traps Wet		Food if Stored in Room is in Sealed Containers		Unapproved Chemicals / Cleaners in Room		Air Fresheners in Room	
Yes		N/A		No		No	
Mechanical Equipment Location		Filters Installed Properly		Condensate Pan Clean		Mechanical Room Clean	
FISH 178		Yes		Yes		Yes	
Filters Clean		Cooling Coil Clean		Inside of HVAC Unit Clean		Fresh Air Intake Free of Obstruction	
Yes		Yes		Yes		Yes	
Fresh Air Intake Location		Pollutant Sources Near Air Intake					
Unknown							

Observations

Louvers appear closed. Condenser water supply 84F, condenser water return 82F. Adjacent FISH 170: 73,5F, 74.7% Humidity, 505
 AHU room 266 water leaking from air handler unit.

Corrective Actions to be Completed by Site Based Staff

	▼
	▼
	▼
	▼
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	▼
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	▼

Corrective Actions to be Completed by PPO

Check louver adjust as needed	▼
Repair HVAC to reduce Humidity levels	▼
266 repair water leak at air handler	▼
	▼
	▼
	▼
	▼
	▼