

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

TELEPHONE (754) 321-4200

FACSIMILE: (754) 321-4285

February 18, 2016

Signature on File

TO: Michael Walker, Principal
Sunrise Middle

FROM: Daniel Meyer, Project Manger
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 February 10, 2016, I conducted an assessment at **Sunrise 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

DM/je
Enc.

IAQ Assessment

Sunrise Middle

Evaluation Date February 10, 2016

Time of Day 9:30 AM

Outdoor Conditions Temperature 68.4

Relative Humidity 41.0

Ambient CO2 425

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
717	68.9	72 - 78	47.5	30% - 60%	930	MAX 700 > Ambient	40
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
No		No		Yes		< 32 tiles	
Ceiling	2' X 2' Lay in		No	Yes	< 32 tiles		
Walls	Plaster		No				
Floor	12" x 12" Vinyl		No				

Ceiling Clean	No	HVAC Supply Grills Clean	No	HVAC Return Grills Clean	No
Walls Clean	Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	Yes
Flooring Clean	Yes	Ceiling at Supply Grills Clean	No		
Room Surfaces Clean	No				

Trash Removed	Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests	No	Drain Traps Wet	No	Air Fresheners in Room	No
Room Cluttered	Yes	Food if Stored in Room is in Sealed Containers	N/A		

Mechanical Equipment Location	FISH #732	Mechanical Room Clean	Yes
Filters Installed Properly	Yes	Filters Clean	Yes
Condensate Pan Clean	No	Cooling Coil Clean	Yes
		Inside of HVAC Unit Clean	Yes

Fresh Air Intake Location	Exterior corridor	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	No		

Observations

Ceiling tiles need to be changed. Traps in classroom are dry. If classroom is repurposed the drainlines should be disconnected. Supply grills need to be cleaned. Return air grills need to be cleaned. Paper covering return air grill needs to be removed. Throw rugs need to be removed. Cloth chairs and pillows need to be removed. Reduce items in classroom. Fresh air grill needs to be cleaned in hallway. Sink traps are dry.

Corrective Actions to be Completed by Site Based Staff

Clean dust and debris from ceilings / lights	▼
Clean supply/return grills w/ wexcide	▼
Remove fabric chairs	▼
Remove throw-rugs	▼
Thoroughly Clean classroom	▼
Pour water down drains when not in use	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Replace ceiling tiles	▼
Clean condensate pan	▼
Evaluate / Disconnect sink drains	▼
	▼
	▼
	▼
	▼