

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

TELEPHONE (754) 321-4200

FACSIMILE: (754) 321-4285

September 20, 2017

Signature on File

TO: Michelle Padura, Principal
Stranahan High

FROM: Alison Witoshynsky, Project Manager
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 19, 2017, I conducted an assessment at **Stranahan High 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: Sam Bays, Director, Maintenance Operations
- Shelley Meloni, Director, Pre-Construction
- Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division
- Greg Neiman, Area Supervisor, Zone 1
- Kurt Wirz, Area Manager Trades
- Gerald Devio, Supervisor II Custodial
- Benjamin Osborne, Supervisor II Custodial
- Mark Murray, Supervisor II Custodial
- Broward Teachers Union
- Federation of Public Employees

IAQ Assessment

Stranahan High

Evaluation Date September 19, 2017

Time of Day 2:05 PM

Outdoor Conditions Temperature 96.0 Relative Humidity 69.4 Ambient CO2 541

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
2-161	NA	72 - 78	NA	30% - 60%	NA	MAX 700 > Ambient	0
Noticeable Odor		Yes	Visible water damage / staining?		Visible microbial growth?		Amount of material affected
Ceiling	Plaster	No	No	No			
Walls	Plaster/concrete	No	No	No			
Floor	Carpet	No	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	No	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	Yes	Air Fresheners in Room	No		
Room Cluttered	No	Food if Stored in Room is in Sealed Containers	N/A				
Mechanical Equipment Location	Not Accessible			Mechanical Room Clean	N/A		
Filters Installed Properly	N/A	Filters Clean	N/A	Inside of HVAC Unit Clean	N/A		
Condensate Pan Clean	N/A	Cooling Coil Clean	N/A				
Fresh Air Intake Location	Not readily accessible ▼			Fresh Air Intake Free of Obstruction	N/A		
Pollutant Sources Near Air Intake	Not Accessible ▼						

Observations

Auditorium.
 Flooding as a result of sump pump not operational with no electricity. Electricity not restored until Thurs/Fri after storm passed. NO fans operating or dehumidifiers present approximately 1 week following identification of flooding. Musty odor present stronger at front of seating area. Carpet feels mostly dry, fabric covered seats in lower portion (approx. 5-10 rows) were wet and have white growth.

Corrective Actions to be Completed by Site Based Staff

	▼
	▼
	▼
	▼
	▼
	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Place Dehumidifier(s) and HEPA scrubber until	▼
carpet removal & fabric seats can be addressed	▼
Remove and replace carpet	▼
Clean microbial growth from seats or replace	▼
	▼
	▼
	▼
	▼