# THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

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September 20	O, 2017 Signature on File	For Custodial Supervisor Use Only
TO:	Christine Henschel, Principal South Plantation High	Custodial Issues Addressed  Custodial Issues Not Addressed
FROM:	Alison Witoshynsky, Project Manager Environmental Health & Safety Department	
SUBJECT:	Indoor Air Quality (IAQ) Assessment	

On September 19, 2017, I conducted an assessment at **South Plantation 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

FISH 296 is entry/foyer to other classroom/offices. Musty odor present, but no wet building materials. FISH 297B is adjacent office. Growth on tack board in two locations and elevated relative humidity.

# Corrective Actions to be Completed by Site Based Staff

Corrective Actions to be completed by one based clair	
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### Corrective Actions to be Completed by PPO

Corrective Actions to be completed by 110	
Clean HVAC return grills and drops	▼
Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
Evaluate/Repair HVAC dampers & exhaust	▼
interlocks	▼
	▼
	▼
	▼

Outdoor Conditions Tempera	ature 86.5 Relative	Humidity 75.0	Ambient CO2 5	57
		Range <u>CO</u> % - 60% 775		ccupants 12
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	Yes	N/A	2 Ceiling tiles, paint	ed
Walls Tack Board	No	No		
Floor Carpet	No	No		
Ceiling Clean No Walls Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	No
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	N/A
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No		
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	No
Room Cluttered Yes	Food if Stored in Room is in Sealed Containers	N/A	in Room	140
Mechanical Equipment Location	FISH 299		Mechanical Room Clean	Yes
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	No
Condensate Pan Clean Yes	Cooling Coil Clean	No		
Fresh Air Intake Location	Roof top	▼	Fresh Air Intake Free of Obstruction	N/A
Pollutant Sources Near Air Intake Not readily accessible ▼		▼	or Obstruction	

## **Observations**

Classroom. Return vent is dusty and the ceiling tiles surrounding the supply vent are dusty/stained. The relative humidity is very high. Lots of books and other items throughout space; however, the surfaces are generally well maintained and clean. Stained carpet near the exterior door, but carpet dry.

# Corrective Actions to be Completed by Site Based Staff

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# Corrective Actions to be Completed by PPO

Corrective Actions to be completed by 11 C	
Clean HVAC return grills and drops	▼
Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
Evaluate/Repair HVAC dampers & exhaust	▼
interlocks	▼
Install new ceiling tile upon repair, cuts needed	▼
	▼
	▼

Room too cluttered to clean properly	▼
Encourage occupant to reduce clutter	▼
Remove items stored & not used	▼
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Corrective Actions to be completed by 11 C	
Clean HVAC return grills and drops	▼
Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
Evaluate/Repair HVAC dampers & exhaust	▼
interlocks	•
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Thoroughly clean elevated surfaces	▼
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Clean HVAC return grills and drops	▼
Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
Evaluate/Repair HVAC dampers & exhaust	▼
interlocks	▼
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