

**THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA**

**ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT**

**TELEPHONE (754) 321-4200**

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July 28, 2015      **Signature on File**

TO:                Jon Marlow, Principal  
                      **Deerfield Beach High**

FROM:            Daniel Meyer, Project Manager  
                      Environmental Health & Safety Department

SUBJECT:    Indoor Air Quality (IAQ) Assessment

**For Custodial Supervisor Use Only**

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Custodial Issues Addressed

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Custodial Issues Not Addressed

On July 23, 2015, I conducted an assessment at **Deerfield Beach 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.

cc:                Shelley Meloni, Director, Pre-Construction  
                      Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division  
                      Roy Norton, Manager, Custodial/Grounds, Physical Plant Operations Division  
                      Aston Henry, Director, Risk Management  
                      Broward Teachers Union  
                      Federation of Public Employees

DM/jj  
Enc.

# IAQ Assessment

Deerfield Beach High

Evaluation Date

July 23, 2015

Time of Day

11:00 AM

Outdoor Conditions

Temperature

89.9

Relative Humidity

84.6

Ambient CO2

425

Fish	Temperature	Range	Relative Humidity	Range	CO <sup>2</sup>	Range	# Occupants
192	65.8	72 - 78	62.1	30% - 60%	488	MAX 700 > Ambient	2
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
Yes		No		Yes		Entire room	
Ceiling	2' X 4' Lay in		No		No		
Walls	Drywall/Tackboard		No		No		
Floor	12" x 12" Vinyl		No		No		
Ceiling Clean	No	HVAC Supply Grills Clean	Yes	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	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 203				Mechanical Room Clean	Yes	
Filters Installed Properly	Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	Yes		
Condensate Pan Clean	Yes	Cooling Coil Clean	Yes				
Fresh Air Intake Location	Over top of exterior mechanical room door ▼				Fresh Air Intake Free of Obstruction	Yes	
Pollutant Sources Near Air Intake	No ▼						

## Observations

Art room has an hood exhaust fan. Backdraft damper needs to be checked. Ceiling tiles need to be removed. Mold abatement scheduled 7/28/15

## Corrective Actions to be Completed by Site Based Staff

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## Corrective Actions to be Completed by PPO

Set Temperature to 72 - 78 degrees	▼
Replace ceiling tiles after abatement	▼
Check back draft damper for Hood system	▼
Replace return air grills	▼
	▼
	▼
	▼
	▼
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