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July 31, 2012

**Signature on File**

TO: Priscilla Ribeiro, Principal  
**Fort Lauderdale High School**

FROM: Robert Krickovich, Coordinator I, LEA  
Facilities Design and Construction

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
_____	
_____	

On July 25, 2012, I conducted an assessment at **Fort Lauderdale 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 754-321-1907.

cc: Directors, School Performance & Accountability  
Shelley Meloni, Executive Director, Facilities Design and Construction  
Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division  
Roy Norton, Manager, Custodial/Grounds, Physical Plant Operations Division  
Aston Henry, Supervisor, Risk Management  
Sonja Coley, Senior Project Manager, Facilities Design and Construction  
Broward Teachers Union  
Federation of Public Employees

RK/tc  
Enc.





# IAQ Assessment

Fort Lauderdale High

Evaluation Date July 25, 2012

Time of Day 1:30

Outdoor Conditions    Temperature 92.8    Relative Humidity 59.2    Ambient CO2 441

Fish	Temperature	Range	Relative Humidity	Range	CO <sup>2</sup>	Range	# Occupants
922	76.2	72 - 78	46.5	30% - 60%	426	MAX 700 > Ambient	2
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
<input type="checkbox"/> Yes		<input type="checkbox"/> Yes		<input type="checkbox"/> No		<input style="width: 100%;" type="text" value="5 tiles"/>	
Ceiling	<input style="width: 100%;" type="text" value="2' X 2' Lay in"/>		<input type="checkbox"/> Yes	<input type="checkbox"/> No		<input style="width: 100%;" type="text"/>	
Walls	<input style="width: 100%;" type="text" value="Drywall"/>		<input type="checkbox"/> No	<input type="checkbox"/> No		<input style="width: 100%;" type="text"/>	
Floor	<input style="width: 100%;" type="text" value="Carpet"/>		<input type="checkbox"/> No	<input type="checkbox"/> No		<input style="width: 100%;" type="text"/>	
Ceiling Clean	<input type="checkbox"/> Yes	HVAC Supply Grills Clean	<input type="checkbox"/> Yes	HVAC Return Grills Clean	<input type="checkbox"/> No		
Walls Clean	<input type="checkbox"/> Yes	Inside of Supply Duct Clean	<input type="checkbox"/> No	Inside of Return Duct Clean	<input type="checkbox"/> No		
Flooring Clean	<input type="checkbox"/> No	Ceiling at Supply Grills Clean	<input type="checkbox"/> Yes				
Room Surfaces Clean	<input type="checkbox"/> No						
Trash Removed	<input type="checkbox"/> Yes	Exhaust Fans Working	<input type="checkbox"/> N/A	Unapproved Chemicals / Cleaners in Room	<input type="checkbox"/> No		
Signs of Pests	<input type="checkbox"/> No	Drain Traps Wet	<input type="checkbox"/> N/A	Air Fresheners in Room	<input type="checkbox"/> No		
Room Cluttered	<input type="checkbox"/> No	Food if Stored in Room is in Sealed Containers	<input type="checkbox"/> N/A				
Mechanical Equipment Location	<input style="width: 100%;" type="text" value="FISH 525"/>			Mechanical Room Clean	<input type="checkbox"/> Yes		
Filters Installed Properly	<input type="checkbox"/> Yes	Filters Clean	<input type="checkbox"/> No	Inside of HVAC Unit Clean	<input type="checkbox"/> No		
Condensate Pan Clean	<input type="checkbox"/> No	Cooling Coil Clean	<input type="checkbox"/> No				
Fresh Air Intake Location	<input style="width: 100%;" type="text" value="Outside of room"/>			Fresh Air Intake Free of Obstruction	<input type="checkbox"/> Yes		
Pollutant Sources Near Air Intake	<input style="width: 100%;" type="text" value="Palm Tree / shrubs / grass"/>						

**Observations**

Musty odor in room - 5 stained ceiling tiles (one at fire sprinkler needs cut) - heavy dust on books - dust on shelves - Carpet stained, ripped, torn, worn - Inside of HVAC unit dirty - bottom of coil has buildup of dust and debris - inside of supply and return ducts in room 922 and at unit dirty.

**Corrective Actions to be Completed by Site Based Staff**

Thoroughly clean all surfaces	▼
Clean HVAC return grills with Wexcide	▼
Remove and replace A/C filters	▼
Replace ceiling tiles and monitor	▼
	▼
	▼
	▼
	▼

**Corrective Actions to be Completed by PPO**

Evaluate and repair cause of stained ceiling tile	▼
Replace stained ceiling tile @ fire sprinkler	▼
Clean HVAC supply drops	▼
Clean HVAC return drops	▼
Clean inside of HVAC unit	▼
Evaluate carpet for replacement	▼
	▼
	▼

