

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

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July 14, 2015 **Signature on File**

TO: Denise Lawrence, Principal
 Endeavor Primary Learning Center

FROM: Daniel Meyer, 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 July 9, 2015, I conducted an assessment at **Endeavor Primary Learning Center**. 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

Endeavor Primary Learning Center

Evaluation Date July 9, 2015

Time of Day 9:30 AM

Outdoor Conditions Temperature 87.9 Relative Humidity 72.9 Ambient CO2 415

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants	
1026PK	76.5	72 - 78	74.1	30% - 60%	1101	MAX 700 > Ambient	1	
Noticeable Odor		Yes	Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
Ceiling	2' X 4' Lay in		No		No		5 tiles missing	
Walls	Drywall/Tackboard		Yes		No			
Floor	12" x 12" Vinyl		No		No			
Ceiling Clean		Yes	HVAC Supply Grills Clean		No	HVAC Return Grills Clean		No
Walls Clean		No	Inside of Supply Duct Clean		Yes	Inside of Return Duct Clean		No
Flooring Clean		No	Ceiling at Supply Grills Clean		No			
Room Surfaces Clean		No						
Trash Removed		Yes	Exhaust Fans Working		No	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			Bard like HVAC system in classroom			Mechanical Room Clean		N/A
Filters Installed Properly		Yes	Filters Clean		No	Inside of HVAC Unit Clean		No
Condensate Pan Clean		No	Cooling Coil Clean		No			
Fresh Air Intake Location			Behind Bard unit/Exterior wall ▼			Fresh Air Intake Free of Obstruction		Yes
Pollutant Sources Near Air Intake			No ▼					

Observations

Portable was used for storage. Termites by East door. Roof leak fixed last week but the tiles are missing (5). Toilet and sink have not been used for over a year. Traps dry. Both East and West walls are wet under the windows. Exhaust fan not working. Both supply and return grills have microbial growth and need to be wiped with wexcide. Chairs and table stored in the portable should be removed so that the portable can be cleaned properly.

- Corrective Actions to be Completed by Site Based Staff**
- | | |
|---|---|
| Thoroughly Clean Portable | ▼ |
| Replace ceiling tiles | ▼ |
| Replace filters | ▼ |
| Clean supply/return grills w/ wexcide | ▼ |
| Call work order for pest control | ▼ |
| Remove storage from room/intended use only. | ▼ |
| Pour water down drains when not in use | ▼ |
| | ▼ |

- Corrective Actions to be Completed by PPO**
- | | |
|---|---|
| Repair HVAC to Reduce Humidity Levels | ▼ |
| Clean the HVAC coil | ▼ |
| Evaluate cause of water damage and repair/replace | ▼ |
| Evaluate the exhaust fan | ▼ |
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