

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

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July 27, 2016

Signature on File

TO: Bardetta Haygood, Principal
Henry D. Perry Education Center

FROM: Robert Krickovich, Coordinator, LEA
Environmental Health & Safety Department

SUBJECT: Indoor Air Quality (IAQ) Assessment

For Custodial Supervisor Use Only

Custodial Issues Addressed

Custodial Issues Not Addressed

On July 21, 2016, I conducted an assessment at **Henry D. Perry Education 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.

RK:smn
Enc.

cc: Shelley Meloni, Director, Pre-Construction
Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division
Broward Teachers Union
Federation of Public Employees
Gerald Devio, Supervisor II Custodial
Benjamin Osborne, Supervisor II Custodial
Rich Volpi, Supervisor II Custodial
Mark Murray, Supervisor II Custodial
Sam Bays, Director, Maintenance Operations
Kurt Wirz, Area Manager Trades

IAQ Assessment

Perry Middle

Evaluation Date July 21, 2016

Time of Day 11:00 AM

Outdoor Conditions Temperature 87.2 Relative Humidity 89.3 Ambient CO2 470

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
348	77.5	72 - 78	71.5	30% - 60%	618	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		
Walls	Plaster		No		No		
Floor	Carpet		No		No		

Ceiling Clean	Yes	HVAC Supply Grills Clean	No	HVAC Return Grills Clean	No
Walls Clean	Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	Yes
Flooring Clean	No	Ceiling at Supply Grills Clean	No		
Room Surfaces 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 in Room	No
Room Cluttered	No	Food if Stored in Room is in Sealed Containers	N/A		

Mechanical Equipment Location	FISH 347		Mechanical Room Clean	Yes	
Filters Installed Properly	Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean	N/A	Cooling Coil Clean	N/A		

Fresh Air Intake Location	Outside of Room ▼	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	None ▼		

Observations

Musty Odor in room - Carpet severely stained and dirty - Dust on surfaces including inside of bookcases - HVAC supply Grills Dirty - Ceilings at supply grills dirty - HVAC return grill dirty - Humidity in room Elevated.

- Corrective Actions to be Completed by Site Based Staff**
- | | |
|--|---|
| Thoroughly clean Stained Carpet | ▼ |
| Thoroughly clean ALL surfaces | ▼ |
| Clean Supply Grills with Wexcide | ▼ |
| Clean ceilings around HVAC supply grills | ▼ |
| Clean HVAC Return Grill with Wexcide | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

- Corrective Actions to be Completed by PPO**
- | | |
|---------------------------------------|---|
| Repair HVAC to Reduce Humidity Levels | ▼ |
| Clean HVAC coil and pan if needed | ▼ |
| Evaluate carpet for replacement | ▼ |
| if cleaning is not effective | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |