

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

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November 6, 2015

Signature on File

TO: Anthony Valachovic, Principal
Northeast High

FROM: Robert Krickovich, Coordinator, LEA
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 October 23, 2015, I conducted an assessment at **Northeast 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
Broward Teachers Union
Federation of Public Employees
Gerald Devio, Supervisor II Custodial
Benjamin Osborne, Supervisor II Custodial
Rich Volipi, Supervisor II Custodial
Mark Murray, Supervisor II Custodial
Sam Bays, Director, Maintenance Operations
Kurt Wirz, Area Manager Trades

RK/je
Enc.

IAQ Assessment

Northeast High School

Evaluation Date October 23, 2015

Time of Day 2:00 PM

Outdoor Conditions Temperature 89.4 Relative Humidity 68.2 Ambient CO2 488

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants	
202	71.6	72 - 78	57.6	30% - 60%	420	MAX 700 > Ambient	12	
Noticeable Odor		No	Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
Ceiling	Open to Bar joist		No		No			
Walls	Plaster		Yes		No		140 Sq Ft	
Floor	Carpet / Concrete		Yes		No		10 Sq Ft	
Ceiling Clean		No	HVAC Supply Grills Clean		No	HVAC Return Grills Clean		N/a
Walls Clean		No	Inside of Supply Duct Clean		No	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		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 204			Mechanical Room Clean		Yes
Filters Installed Properly		No	Filters Clean		No	Inside of HVAC Unit Clean		Yes
Condensate Pan Clean		Yes	Cooling Coil Clean		Yes			
Fresh Air Intake Location			Roof top ▼			Fresh Air Intake Free of Obstruction		Yes
Pollutant Sources Near Air Intake			None ▼					

Observations

Dirt / debris / water stains on cloth wall panels over front of stage - Debris splattered on wall West side of stage - Dirt / debris on plaster ceiling panels - Ceilings at HVAC supply grills dirty - HVAC supply grills dirty - 12" x 12" ceilings in 202B & 202C damaged - Dust / debris on wall surfaces - Carpet dirty - Concrete floors dirty - HVAC supply drops dirty - Filters do not fit properly, allowing air bypass - Filters dirty, 2" filters last replaced in April 2015 (dated on filter) 2" filters should be change at least every 3 months - East wall water damaged above ceiling level between back two exits - Wall in Northwest Corner Water Damaged - Carpet stained @ center door East wall.

Corrective Actions to be Completed by Site Based Staff

Thoroughly clean ALL surfaces	▼
Thoroughly clean Stained Carpet	▼
Thoroughly clean and sanitize flooring	▼
Remove and replace A/C Filters	▼
	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Repair cause of water damaged wall material	▼
Remove and replace water damaged wall material	▼
Clean entire HVAC system - unit and drops	▼
Clean and repair or replace cloth panels over front of stage opening	▼
Provide filler panels for HVAC unit filters	▼
Clean ceilings and walls (to high for school)	▼
Replace damaged ceilings in 202B & 202C	▼