

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

TELEPHONE (754) 321-4200

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October 13, 2015 Signature on File

TO: Kellee Stroup, Principal
 Country Hills Elementary

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 October 12, 2015, I conducted an assessment at **Country Hills Elementary 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

DM/je
Enc.

IAQ Assessment

Country Hills Elementary

Evaluation Date October 12, 2015

Time of Day 1:00 PM

Outdoor Conditions Temperature 84.7 Relative Humidity 63.8 Ambient CO2 425

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
510	73.8	72 - 78	63.7	30% - 60%	1181	MAX 700 > Ambient	20
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
Ceiling		Walls		Floor			
No		Yes		No		2 tiles	
2' X 4' Lay in		No					
Drywall/Tackboard		No					
12" x 12" Vinyl		No					

Ceiling Clean	Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Walls Clean	Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	Yes
Flooring Clean	Yes	Ceiling at Supply Grills Clean	Yes		
Room Surfaces Clean	Yes				

Trash Removed	Yes	Exhaust Fans Working	Yes	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests	No	Drain Traps Wet	Yes	Air Fresheners in Room	No
Room Cluttered	No	Food if Stored in Room is in Sealed Containers	N/A		

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

Fresh Air Intake Location	Ducted to roof-top ▼	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	No ▼		

Observations

2 wet ceiling tiles. High humidity and CO2 levels

Corrective Actions to be Completed by Site Based Staff

Replace stained ceiling tile after repair	▼
	▼
	▼
	▼
	▼
	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Repair HVAC to Reduce Humidity Levels	▼
Repair HVAC to reduce CO2 level in classroom	▼
Repair cause of water stained ceiling tiles	▼
	▼
	▼
	▼
	▼
	▼

