

managing risk with responsibility

Aston A. Henry, Supervisor	Telephone:	754 321-1900
Risk Management Department	Fax:	754 321-1917

June 21, 2010 Signature on File

TO: Ms. Delicia Decembert, Principal

Hollywood Central Elementary School

FROM: Robert Krickovich, Coordinator, LEA

Facilities and Construction Management

SUBJECT: Indoor Air Quality (IAQ) Assessment

FISH 145 and 230

For Custodial Supervisor Use Only				
	Custodial Issues Addressed			
	Custodial Issues Not Addressed			
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On June 14, 2010, I conducted an assessment of FISH 145 and 230 at Hollywood Central Elementary School. This evaluation included observations of the flooring system, ceiling tiles, false ceiling plenum, environmental surfaces, interior and exterior walls, and the accessible ventilation equipment. Additionally, environmental parameter measurements were taken to include temperature, relative humidity, and carbon dioxide. The detailed findings, along with the recommended corrective action can be found on the attached IAQ Assessment Worksheets.

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 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 me at 754-321-1638.

cc: Dr. Joel Herbst, Area Superintendent

Valerie Wanza, Area Director

Jeffrey S. Moquin, Executive Director, Support Operations

Aston Henry, Supervisor, Risk Management

Frank Girardi, Project Manager, Facilities and Construction Management

Jamie Daniels, Broward Teachers Union

Roy Jarrett, Federation of Public Employees

Mark Dorsett, Acting Director, Physical Plant Operations Division, Maintenance Roy Norton, Manager Custodial/Grounds, Physical Plant Operations Division

RK/tc Enc.

		IAQ Ass	sessment	Location Number	0121
Holl	lywood Central Eleme	ntary School		Evaluation Requested	June 4, 2010
Time of Day 10	:25 am			Evaluation Date	June 14, 2010
Outdoor Conditions	Temperature	83.8	Relative Humidity	83.4 Ambie	nt CO2 421
Noticeable Odor Ceiling Type Wall Type Flooring	No 2 x 2 Lay In Tack Board 12 x 12 Vinyl Clean Minor Du / Debris Yes No Yes No	Visible water damage / staining No No No No No No No No No N	Range 30% - 60% Visible micro growth? No No No	bial Amount o	> Ambient 3 feted None None None
HVAC Return Grills Ceiling at Supply Grills Surfaces in Room	Yes No Yes No No	No No			
 Observations					
Findings - HVAC unit in FISH 1 - No issues identified Site Based Maintena	at the time of the asso	essment		de of supply duct clean) ust and debris accumula	

Hollywo	ood Central Eleme	ntary School	Evaluat	ion Requested June 4, 2010	
Time of Day 10:25	am		ı	Evaluation Date June 14, 2010	
Outdoor Conditions	Temperature	83.8	Relative Humidity 83.4	Ambient CO2 421	
Fish Temperatu 230 70.9		Relative Humidity 51	Range CO2 30% - 60% 387	Range # Occupants Max 700 > Ambient 3	
Noticeable Odor	No	Visible water damage / staining	Visible microbial	Amount of material affected	
Ceiling Type 2 x	c 2 Lay In	No	No	None	
Wall Type Tack E	Board/Plaster	No	No	None	
Flooring 12	x 12 Vinyl	No	No	None	
Cle	ean Minor Du / Debris		Corre	ctive Action Required	
Ceiling	es	No	Repair/r	replace as appropriate	
Walls	es No	No			
Flooring	es	No			
HVAC Supply Grills	No Yes	Yes	Clean wit	th Wexcide disinfectant	
HVAC Return Grills	Yes	Yes	Clean wit	th Wexcide disinfectant	
Ceiling at Supply Grills	Yes	Yes	Cle	an as appropriate	
Surfaces in Room	No Yes	Yes	Cle	an as appropriate	
bservations					
Findings - Water stain on drywall ceiling and wall in FISH 203C - HFSP stated leak has been repaired - Heavy dust on surfaces throughout the room - Dust and debris on HVAC supply and return grills and on ceiling at supply grills Site Based Maintenance: - Clean all surfaces throughout the room - Clean HVAC supply and return grills with Wexcide disinfectant solution and wipe down ceiling at supply grills - Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate					

Physical Plant Operations:
- Repair/replace water damaged drywall ceiling in FISH 203C (HFSP stated leak has been repaired)

IAQ Assessment

0121

Location Number