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September 20, 2006

Signature on File

TO: Ms. Kathy Sedlack, Principal
Martin Luther King Elementary School

FROM: Robert J. Krickovich, Coordinator, LEA
Facilities and Construction Management, Environmental Division

SUBJECT: Indoor Air Quality (IAQ) Assessment
FISH 103A

On September 1, 2006 I conducted an assessment of FISH 103A at **Martin Luther King 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.

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. Verda Farrow , Area Superintendent
Michaëlle Pope, Area Director
Jeffrey S. Moquin, Director, Risk Management
Sheldon Dash, Project Manager, Facilities and Construction Management
Jerrod Neal, Broward Teachers Union
Mark Dorsett, Manager 1, Physical Plant Operations Division, Zone 1
Roy Norton, Manager Custodial/Grounds, Physical Plant Operations Division

RK/tc
Enc.

IAQ Assessment

Location Number 1611
 Evaluation Requested September 1, 2006
 Evaluation Date September 1, 2006

Martin Luther King Elementary School

Time of Day 10:30 am

Outdoor Conditions Temperature 88.8 Relative Humidity 61 Ambient CO2 460

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
103A	74.4	72 - 78	54.8	30% - 60%	666	Max 700 > Ambient	1
Noticeable Odor		Yes	Visible water damage / staining?		Visible microbial growth?		Amount of material affected
Ceiling Type	2 x 4 Lay In		No	No	None		
Wall Type	Plaster		Yes	Yes	10 Square Feet at Bookcase		
Flooring	Carpet		Yes	Yes	Standing Water - 6 square feet		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	Yes	No	No	
Walls	No	Yes	Yes	Repair/replace as appropriate
Flooring	No	Yes	Yes	Remove and replace as appropriate
HVAC Supply Grills	Yes	No	No	
HVAC Return Grills	Yes	No	No	
Ceiling at Supply Grills	Yes	No	No	
Surfaces in Room	Yes	No	No	

Observations

Findings:

- Elevated moisture content and visible microbial growth - wall at bookcase FISH 103A
- Standing water, elevated moisture and visible microbial growth on carpet
- FISH 103 - Carpet wet at wall to FISH 103A

Recommendations:

Site Based Maintenance:

- 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:

- Evaluate cause of water intrusion into room
- Repair/replace water damaged wall material as appropriate - wall at bookcase in FISH 103A
- Repair/replace bookcase in FISH 103A
- Remove carpet in FISH 103, 103A, 103C, 103D and 103E and replace with tile