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October 25, 2006

Signature on File

TO: Ms. Patricia Yackel, Principal
Pines Lakes Elementary School

FROM: Aston A. Henry, Jr., Supervisor
Risk Management Department

SUBJECT: Indoor Air Quality (IAQ) Assessment
FISH 118A

On September 27, 2006 Kenneth Partee conducted an assessment of FISH 118A at **Pines Lakes 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.

Generally, the IAQ Assessment did not identify any existing conditions significantly impacting IAQ and thereby presenting immediate health and safety concerns 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 754-321-3200.

cc: Sam Gregg, Area Superintendent
Pat Dixon, Area Director
Jeffrey S. Moquin, Director, Risk Management
Frank Girardi, Project Manager, Facilities and Construction Management
Steve Feldman, Broward Teachers Union
Mark Dorsett, Manager 1, Physical Plant Operations Division, Zone 1
Roy Norton, Manager Custodial/Grounds, Physical Plant Operations Division
Robert Krickovich, Coordinator, LEA, Facilities and Construction Management

AAH/tc
Enc.

IAQ Assessment

Location Number 2861
 Evaluation Requested September 27, 2006
 Evaluation Date September 27, 2006

Pines Lakes Elementary School

Time of Day 1:50 pm

Outdoor Conditions Temperature 95.9 Relative Humidity 41 Ambient CO2 545

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
118A	78.1	72 - 78	43.3	30% - 60%	836	Max 700 > Ambient	1
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
No		No		No		None	
Ceiling Type	Concrete		No	No	None		
Wall Type	Concrete		Yes	Yes	At ceiling		
Flooring	Tile		No	No	None		

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

Observations

Findings: Art Kiln Room

- Room is not air conditioned or occupied
- Dust build up on floor
- Dust build up on environmental surfaces
- Surface mold on wall

Recommendations:

Site Based Maintenance:

- Clean all surfaces in room to remove dust and surface mold
- Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate