

RISK MANAGEMENT...

managing risk with responsibility

Jeffrey S. Moquin, Director
Risk Management Department

Telephone: 754-321-3200
Facsimile: 754-321-3290

September 13, 2006

Signature on File

TO: Dr. Dorothy Cook, Principal
Meadowbrook Elementary School

FROM: Kenneth I. Partee, Project Manager Occupational Health and Environmental Control
Risk Management Department

SUBJECT: Indoor Air Quality (IAQ) Assessment
Building 900

On September 7, 2006 I conducted an assessment of Building 900 at **Meadowbrook 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: Dr. Verda Farrow, Area Superintendent
Michaëlle Pope, Area Director
Jeffrey S. Moquin, Director, Risk Management
James Carballo, Project Manager, Facilities and Construction Management
Ralph Eckhardt, 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

KP/tc
Enc.

IAQ Assessment

Location Number 0761
 Evaluation Requested September 6, 2006
 Evaluation Date September 7, 2006

Meadowbrook Elementary School

Time of Day 12:20 pm

Outdoor Conditions Temperature 93.1 Relative Humidity 54.4 Ambient CO2 512

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
Building 900	75.2	72 - 78	61.5	30% - 60%	1248	Max 700 > Ambient	22
Noticeable Odor	No		Visible water damage / staining?	No	Visible microbial growth?	No	Amount of material affected
Ceiling Type	2 x 4 Lay In		Visible water damage / staining?	No	Visible microbial growth?	No	None
Wall Type	Plaster		Visible water damage / staining?	No	Visible microbial growth?	No	None
Flooring	Tile		Visible water damage / staining?	No	Visible microbial growth?	No	None

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

Observations

Findings:

- Chillers were down at the time of the assessment. HVAC unit was being repaired.
- Minor dust build up on environmental surfaces

Recommendations:

Site Based Maintenance:

- Clean environmental surfaces throughout the room
- Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate