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February 6, 2007

Signature on File

TO: Ms. Nancy A. Moore, Principal
Coral Park Elementary School

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

SUBJECT: Indoor Air Quality (IAQ) Assessment
FISH 131B, 132B, 133B and 137

On January 31, 2007 I conducted an assessment of FISH 131B, 132B, 133B and 137 at **Coral Park 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. 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 754-321-3200.

cc: Dr. Joanne Harrison, Area Superintendent
Jackie Haywood, Area Director
Jeffrey S. Moquin, Director, Risk Management
Denise Cone, Project Manager, Facilities and Construction Management
Ruby Fitzgerald, 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 3041

Coral Park Elementary School

Evaluation Requested January 30, 2007

Time of Day 10:59 am

Evaluation Date January 31, 2007

Outdoor Conditions Temperature 76.3 Relative Humidity 52 Ambient CO2 357

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
131B	72.5	72 - 78	40.1	30% - 60%	746	Max 700 > Ambient	4
Noticeable Odor	No		Visible water damage / staining?	Visible microbial growth?	Amount of material affected		
Ceiling Type	2 x 4 Lay In		No	No	None		
Wall Type	Drywall		No	No	None		
Flooring	Tile		No	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				N/A
Ceiling at Supply Grills	Yes	No	No	
Surfaces in Room	Yes	No	No	

Observations

Findings:
 - Visible microbial growth on both sides of the door leading into FISH 131B (closet)

Recommendations:

Site Based Maintenance:
 - Clean door with Wexcide disinfectant solution
 - 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 the HVAC supply to the storage room and the possibility of installing a return air grill to improve air circulation

IAQ Assessment

Location Number 3041
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Coral Park Elementary School

Time of Day 10:59 am

Outdoor Conditions Temperature 76.3 Relative Humidity 52 Ambient CO2 357

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
132B		72 - 78		30% - 60%		Max 700 > Ambient	
Noticeable Odor	No		Visible water damage / staining?	Visible microbial growth?	Amount of material affected		
Ceiling Type	2 x 4 Lay In		No	No	None		
Wall Type	Drywall		No	Yes	Various		
Flooring	Tile		No	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				N/A
Ceiling at Supply Grills	Yes	No	No	
Surfaces in Room	Yes	No	No	

Observations

Findings: (Storage Room)
 - Visible microbial growth on entry door and walls

Recommendations:

Site Based Maintenance:
 - Remove all items from the room and wipe down door and walls with Wexcide disinfectant solution
 - 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 the HVAC supply to the storage room and the possibility of installing a return air grill to improve air circulation

IAQ Assessment

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Outdoor Conditions Temperature 76.3 Relative Humidity 52 Ambient CO2 357

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
133B		72 - 78		30% - 60%		Max 700 > Ambient	
Noticeable Odor	No		Visible water damage / staining?	Visible microbial growth?	Amount of material affected		
Ceiling Type	2 x 4 Lay In		No	No	None		
Wall Type	Drywall		No	Yes	Various		
Flooring	Tile		No	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				N/A
Ceiling at Supply Grills	Yes	No	No	
Surfaces in Room	Yes	No	No	

Observations

Findings: (Storage Room)
 - Visible microbial growth on walls

Recommendations:

Site Based Maintenance:
 - Remove all items from the room and wipe down walls with Wexcide disinfectant solution
 - 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 the HVAC supply to the storage room and the possibility of installing a return air grill to improve air circulation

IAQ Assessment

Location Number 3041
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Coral Park Elementary School

Time of Day 10:59 am

Outdoor Conditions Temperature 76.3 Relative Humidity 52 Ambient CO2 357

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
137		72 - 78		30% - 60%		Max 700 > Ambient	
Noticeable Odor	No		Visible water damage / staining?	Visible microbial growth?	Amount of material affected		
Ceiling Type	2 x 4 Lay In		No	No	None		
Wall Type	Drywall		No	Yes	Various		
Flooring	Tile		No	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				N/A
Ceiling at Supply Grills	Yes	No	No	
Surfaces in Room	Yes	No	No	

Observations

Findings: (Storage Room)
 - Visible microbial growth on the back side of the door, on the walls and on the cabinet walls

Recommendations:

Site Based Maintenance:
 - Remove all items from the room and wipe down door, walls and cabinets with Wexcide disinfectant solution
 - 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 the HVAC supply to the storage room and the possibility of installing a return air grill to improve air circulation