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March 13, 2009

Signature on File

TO: Dr. Amanda Miles, Principal
Coral Park Elementary School

FROM: Edward See, Project Manager
Risk Management Department

SUBJECT: Indoor Air Quality (IAQ) Assessment
FISH 710

For Custodial Supervisor Use Only	
<input type="checkbox"/>	Custodial Issues Addressed
<input type="checkbox"/>	Custodial Issues Not Addressed

On March 11, 2009 I conducted an assessment of FISH 710 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. 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.

Please ensure that your Head Facilities Serviceperson receives a copy of this correspondence so that the recommendations requiring their attention can be addressed. 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 754-321-3200.

cc: Sharon Airaghi, Area Superintendent
Jackie Haywood, Area Director
Jeffrey S. Moquin, Executive Director, Support Operations
Denise Cone, Project Manager, Facilities and Construction Management
Gary Itzkowitz, Broward Teachers Union
Roy Jarrett, National Federation of Public and Private Employees
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

ES/tc
Enc.

IAQ Assessment

Location Number 3041
 Evaluation Requested March 11, 2009
 Evaluation Date March 12, 2009

Coral Park Elementary School

Time of Day 8:30 am

Outdoor Conditions Temperature 83.7 Relative Humidity 56.4 Ambient CO2 434

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
710	75.6	72 - 78	58.2	30% - 60%	882	Max 700 > Ambient	2
Noticeable Odor	No		Visible water damage / staining?	Visible microbial growth?	Amount of material affected		
Ceiling Type	2 x 4		Yes	No	1 ceiling tile		
Wall Type	Drywall/Plaster		No	No	None		
Flooring	12 x 12 Vinyl		No	No	None		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	No	Yes	Yes	Remove and replace ceiling tile
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	Yes	No	No	

Observations

Findings:
 - 1 stained ceiling tile
 - HVAC project will resume during the summer
 - Administration advised that an air purifier will be purchased and placed in the classroom per doctor recommendation for a student. The classroom is acceptable for general occupancy and Risk Management does not encourage the use of purifiers due to maintenance issues (filter cleaning, replacement, etc.) NO OZONE generating air purifiers are allowed due to the potentially harmful effects of ozone.
 - FISH 708 (AHU room) - no issues identified

Recommendations:

Site Based Maintenance:

- Remove and replace stained ceiling tile and monitor. If staining returns, contact COMPASS to generate a work order for Physical Plant Operations to evaluate for water intrusion.
 - Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate