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Signature on File

TO: Mr. William Roach, Principal
Coconut Creek Elementary School

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

SUBJECT: Indoor Air Quality (IAQ) Assessment
FISH 101C, 101F, 101G and 101H

On August 3, 2006 I conducted an assessment of FISH 101C, 101F, 101G and 101H at **Coconut Creek Elementary School**. This evaluation included observations of the flooring system, ceiling tiles, environmental surfaces and interior and exterior walls. 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. Joanne Harrison, Area Superintendent
Sharon Airaghi, 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

KP/tc
Enc.

IAQ Assessment

Location Number

Coconut Creek Elementary School

Evaluation Requested

Time of Day

Evaluation Date

Outdoor Conditions Temperature Relative Humidity Ambient CO2

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
101C, F, G, H	<input style="width: 50px;" type="text"/>	72 - 78	<input style="width: 50px;" type="text"/>	30% - 60%	<input style="width: 50px;" type="text"/>	Max 700 > Ambient	<input style="width: 50px;" type="text"/>
Noticeable Odor	<input style="width: 50px;" type="text" value="No"/>		Visible water damage / staining?	Visible microbial growth?	Amount of material affected		
Ceiling Type	<input style="width: 50px;" type="text" value="2 x 4 Lay In"/>		<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="None"/>		
Wall Type	<input style="width: 50px;" type="text" value="Drywall"/>		<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="None"/>		
Flooring	<input style="width: 50px;" type="text" value="Carpet"/>		<input style="width: 50px;" type="text" value="Yes"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="Entire Carpet"/>		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	<input style="width: 50px;" type="text" value="Yes"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 100%; height: 20px;" type="text"/>
Walls	<input style="width: 50px;" type="text" value="Yes"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 100%; height: 20px;" type="text"/>
Flooring	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="Yes"/>	<input style="width: 50px;" type="text" value="Yes"/>	<input style="width: 100%; height: 20px;" type="text" value="Remove carpet and replace with tile"/>
HVAC Supply Grills	<input style="width: 50px;" type="text" value="Yes"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 100%; height: 20px;" type="text"/>
HVAC Return Grills	<input style="width: 50px;" type="text" value="Yes"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 100%; height: 20px;" type="text"/>
Ceiling at Supply Grills	<input style="width: 50px;" type="text" value="Yes"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 100%; height: 20px;" type="text"/>
Surfaces in Room	<input style="width: 50px;" type="text" value="Yes"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 100%; height: 20px;" type="text"/>

Observations

Findings:
 - Carpet in FISH 101C, 101F, 101G and 101H is heavily stained and rippled and shows signs of previous water intrusion

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:
 - Remove carpet and replace with tile @744 square feet