

RISK MANAGEMENT...

managing risk with responsibility

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Risk Management Department

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January 4, 2011

Signature on File

TO: Ms. Amada Walker, Principal
Silver Palms Elementary School

FROM: Edward See, Project Manager
Risk Management Department

SUBJECT: Indoor Air Quality (IAQ) Assessment
FISH 124

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

On December 15, 2010, Dale Spear and I conducted a follow-up assessment of FISH 124 at **Silver Palms Elementary School**. The assessment consisted of a reevaluation walkthrough of the previously identified areas to assess the current condition of the location with regard to indoor air quality. This assessment included reviewing previously generated work orders, if applicable, as well as observation of the area of concern as stated in the IAQ Assessment performed on December 9, 2010. Attached are the findings of this assessment along with recommendations for further assessment, remediation, or corrective actions, if needed.

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.

Please ensure that your Head Facilities Serviceperson receives a copy of this correspondence so that the recommendations requiring their attention can be addressed. In an attempt to separate IAQ issues from general maintenance items, the attached assessment may contain direction for site based staff to generate a work order through COMPASS. 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 754-321-1900.

cc: Dr. Joel Herbst, Area Superintendent
Valerie Wanza, Area Director
Jeffrey S. Moquin, Executive Director, Support Operations
Aston Henry, Supervisor, Risk Management
Sonja Coley, Project Manager, Facilities and Construction Management
Steve Feldman, Broward Teachers Union
Roy Jarrett, Federation of Public 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 3491
 Evaluation Requested December 14, 2010
 Evaluation Date December 15, 2010

Silver Palms Elementary School

Time of Day 2:00 pm

Outdoor Conditions Temperature 65.1 Relative Humidity 21.3 Ambient CO2 398

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
124	72.3	72 - 78	35.9	30% - 60%	972	Max 700 > Ambient	5
Noticeable Odor	Yes		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	12 x 12 Vinyl		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	Yes	No	No	
Ceiling at Supply Grills	Yes	No	No	
Surfaces in Room	Yes	No	No	

Observations

Findings

- Faint odor (wood) at main entrance and under sink cabinet
- 1 potted plant
- Restroom exhausts in FISH 124A and 127A appeared to be working properly
- Evaluated AHU room, false ceiling plenum and roof top for potential source of odor. No odor detected at the time of the assessment in these areas.
- No signs of water intrusion or microbial growth at the time of the assessment

Site Based Maintenance:

- Remove items from sink cabinet and thoroughly wipe down cabinet with Wexcide disinfectant solution
- Remove potted plant. Soil is a source of microbial growth.
- 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 restroom exhaust fans in FISH 124A and 127A for proper operation and repair as appropriate