

# managing risk with responsibility

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Jeffrey S. Moquin, Executive Director Support Operations

December 12, 2008

Signature on File

TO: Ms. Paula Meadows, Principal

Westpine Middle School

FROM: Aston A. Henry, Supervisor

Risk Management Department

SUBJECT: Indoor Air Quality (IAQ) Assessment

**FISH 604** 

Fo	or Custodial Supervisor Use Only
	Custodial Issues Addressed
	Custodial Issues Not Addressed
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On December 10, 2008 I conducted an assessment of FISH 604 at **Westpine Middle School.** The assessment consisted of a reevaluation walkthrough of the previously identified area to assess the current condition of the location with regard to indoor air quality. This assessment included reviewing previously generated work orders as well as observation of the area of concern as stated in the IAQ Assessment performed on June 20, 2008. 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. 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: Dr. Leontine Butler, Area Superintendent

Dr. Margaret Underhill, Area Director

Jeffrey S. Moquin, Director, Risk Management

Scott Gillen, Project Manager, Facilities and Construction Management

Greg Boardman, Project Manager, Facilities and Construction Management

Ruby Fitzgerald, 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

AAH/tc

Enc.

Westpine Middle School				Evaluation Requested December 9, 2				9, 2008
Time of Day	11:45 am				ı	Evaluation Date	December	10, 2008
Outdoor Cond	itions Te	emperature	73.2	Relative Hum	idity 78.5	5 Ambie	nt CO2	357
Fish	Temperature	Range	Relative Humidity	Range _	CO2	Ran	ige # (	Occupants
604	76.2	72 - 78	74.3	30% - 60%	1050	Max 700	> Ambient	2
Noticeable Odor Yes						Amount of ma	terial	
Ceiling Type	2 x 4		No	No			None	
Wall Type	Drywall		No	No			None	
Flooring	Tile		No	N	0		None	
	Clean	Minor Du / Debris		I	Corre	ctive Action Re	equired	
Ceiling	Yes	No	No					
Walls	Yes	No	No					
Flooring	Yes	No	No					
HVAC Supply	Grills No	Yes	Yes		Clean wit	th Wexcide disi	infectant	
HVAC Return	Grills No	Yes	Yes		Clean wit	th Wexcide disi	infectant	
Ceiling at Supply Grills					N/A			
Surfaces in Ro	oom Yes	No	No					

IAQ Assessment

2052

**Location Number** 

## Observations

#### Findings:

- Slight odor in room
- No visible signs of microbial growth
- Elevated moisture content in the wall surrounding the HVAC return grill. Signs of previous water damage.
- Humidity level was elevated at the time of the assessment
- FISH 603 (AHU) visible microbial growth around HVAC return grill.
- Dust and debris on HVAC supply and return grills

#### Recommendations:

### Site Based Maintenance:

- Clean HVAC supply and return grills 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 cause of elevated moisture content in the wall surrounding HVAC return grill and repair as appropriate. Repair/replace wall material as necessary.
- Evaluate cause of microbial growth around HVAC return grill in FISH 603 (AHU)
- Evaluate HVAC system for proper operation and repair as appropriate to lower humidity level
- Contact Steve Weinberg, HFSP, to coordinate repairs

Note: Previous work orders J291197, J305732 and EQ01176