

FISH 101 and 101A

managing risk with responsibility

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July 14, 2008

Signature on File

For Custodial Supervisor Use Only

Custodial Issues Addressed

Custodial Issues Addressed

Custodial Issues Not Addressed

Custodial Issues Not Addressed

FROM:

Robert Krickovich, Coordinator, LEA
Facilities and Construction Management

SUBJECT:

Indoor Air Quality (IAQ) Assessment

On July 8, 2008 I conducted an assessment of FISH 101 and 101A at **Northeast High 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.

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 754-321-1638.

cc: Dr. Leontine Butler, Area Superintendent
Dr. Margaret Underhill, Area Director
Jeffrey S. Moquin, Director, Risk Management
Robert Goode, Project Manager, Facilities and Construction Management
Dane Ramson, 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

RK/tc Enc.

Time of Day	1:00 pm				E	Evaluation Date	July 8, 2008	
Outdoor Condi	tions	—- Геmperature	91.1	Relative Humi	dity 68.3	Ambient CO	2 461	
Fish	Temperature	Range	Relative Humidity	/ Range	CO2	Range	# Occupants	
101	71.8	72 - 78	55.4	30% - 60%	528	Max 700 > Amb	pient 4	
Noticeable Odor Yes			Visible water damage / stainin		nicrobial wth?	Amount of material affected		
Ceiling Type	12 x 12	Spline	No	N	0	None		
Wall Type	Plaster		No	N	0	None		
Flooring	Car	pet	Yes	N	0	entire		
	Clean	Minor Debi		3	Correc	ctive Action Required	d	
Ceiling	No	Yes	Yes		Clean as appropriate			
Walls	No	Yes	Yes		Repair/replace as appropriate			
Flooring	No	Yes	Yes		Evaluate carpet for replacement			
HVAC Supply	Grills No	Yes	Yes		Clean wit	h Wexcide disinfecta	ant	
HVAC Return (Grills No	Yes	Yes		Clean wit	h Wexcide disinfecta	ant	
Ceiling at Sup Grills	ply No	Yes	Yes		Clea	an as appropriate		
Surfaces in Ro	oom No	Yes	Yes		Clea	an as appropriate		

IAQ Assessment

Northeast High School

3471

July 7, 2008

Location Number

Evaluation Requested

Observations

Findings:

- Carpet is severely water damaged, stained, rippled and torn from FISH 101 to 103 through the corridor 101M
- Physical Plant Operations is currently working on the removal of the wood paneling
- Dust build up on ceiling tiles
- Dust and debris on HVAC supply and return grills
- Dust build up on ceiling at HVAC supply grills
- Dust build up on environmental surfaces throughout the room

Recommendations:

Site Based Maintenance:

- Clean ceiling tiles to remove dust
- Clean HVAC supply and return grills with Wexcide disinfectant solution
- Clean ceiling at HVAC supply grills
- Thoroughly clean all surfaces throughout the room
- 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 carpet from FISH 101 to 103 and through to corridor 101M for replacement. Coordinate replacement in FISH 101 with Facilities and Construction Management Environmental Division.
- Continue to remove paneling and repair/replace wall material as necessary

Time of Day 1:	00 pm				E	valuation Date July 8, 2008					
Outdoor Conditions	Temp	erature	91.1	Relative Humidity	68.3	Ambient CO2 461					
Fish Tempe	rature Ra	ange Re	elative Humidity	Range	CO2	Range # Occupants					
101A 7	1.8 72	- 78	59.9	30% - 60%	615	Max 700 > Ambient 2					
Noticeable Odor Yes		da	Visible water amage / staining	Visible micro growth?	bial	Amount of material affected					
Ceiling Type	2 x 4 Lay In	1	No	No	[None					
Wall Type V	Wall Type Wood Paneling		No	No		None					
Flooring	Carpet		Yes	No	[entire					
Clean Minor Dust Needs Corrective Action Required											
Ceiling	Yes	No	No								
Walls	Yes	No	No								
Flooring	No	Yes	Yes	E	valuate d	carpet for replacement					
HVAC Supply Grills	No	Yes	Yes	С	lean with	n Wexcide disinfectant					
HVAC Return Grills						N/A					
Ceiling at Supply Grills	Yes	No	No								
Surfaces in Room					Room	is currently empty					
Dbservations											
Findings: - Carpet is severely water damaged, stained, rippled and torn from FISH 101 to 103 through the corridor 101M - Elevated moisture in base of wood bookcase - Room is currently being painted - Dust and debris on HVAC supply grills											
Recommendations:											
Site Based Maintenance: - Clean HVAC supply 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 carpet from FISH 101 to 103 and through to corridor 101M for replacement. Coordinate replacement in FISH 101 with Facilities and Construction Management Environmental Division Remove wood bookcase and evaluate wall for damage. Repair/replace bookcase and wall material as appropriate.											

IAQ Assessment

Northeast High School

3471

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