

Risk Management Department

managing risk with responsibility

Telephone: 754-321-3200 Facsimile: 754-321-3290

September 1	9, 2008	Signature on File	For Custodial Supervisor Use Only
TO:	Ms. Lee Dollar, Principa Village Elementary Sch		Custodial Issues Addressed Custodial Issues Not Addressed
FROM:	Aston A. Henry, Superv Risk Management Depa		
SUBJECT:	Indoor Air Quality (IAQ FISH 901, 905, 906, 911,	,	

On September 18, 2008 I conducted an assessment of FISH 901, 905, 906, 911, 915 and 916 at **Village 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.

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 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

AH/tc Enc.

			IAQ As	sessment	Location	n Number	1621	
	Vi	llage Elementa	ry School		Evaluatio	on Requested	Septemb	er 16, 2008
Time of Day	11:15 am]			Ev	valuation Date	Septemb	er 18, 2008
Outdoor Condi	itions Ten	nperature	95.1	Relative Humidity	50.1	Ambie	ent CO2	278
Fish	Temperature	Range Rela	ative Humidity	Range	CO2	Ran	nge #	Occupants
901	74.1	72 - 78	62.1	30% - 60%	488	Max 700	> Ambient	t 2
Noticeable Od	lor No		Visible water nage / staining	Visible micr g? growth?		Amount of ma affected	terial	
Ceiling Type	2 x 4 Lay	In	No	No			None	
Wall Type	Drywal	l	No	No			None	
Flooring	Tile		No	No	Ľ		None	
	Clean	Minor Dust / Debris	Needs Cleaning		Correct	ive Action Re	equired	
Ceiling	Yes	No	No					
Walls	Yes	No	No					
Flooring	Yes	Νο	No					
HVAC Supply	Grills Yes	No	No					
HVAC Return	Grills Yes	No	No					
Ceiling at Sup Grills	ply Yes	No	No					
Surfaces in Ro	oom Yes	No	No					

Findings:

- Humidity level was elevated at the time of the assessment

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: - Evaluate HVAC system for proper operation and repair as appropriate to lower humidity level

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Fish	Temperature	Range Rela	ative Humidity	Range	CO2	Rar	nge #	Occupants
905	74.1	/2 - 78	62.1	30% - 60%	554	Max 700	> Ambient	24
Noticeable Od	or No		Visible water nage / staining	Visible micro g? growth?	obial A	mount of ma affected	terial	
Ceiling Type	2 x 4 Lay	In	No	No			None	
Wall Type	Drywal		No	No			None	
Flooring	Tile		No	No			None	
	Clean	Minor Dust / Debris	Needs Cleaning		Correctiv	e Action Re	equired	
Ceiling	Yes	Νο	No					
Walls	Yes	Νο	No					
Flooring	Yes	Νο	No					
HVAC Supply	Grills Yes	Νο	No					
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Fish	Temperature	Range Rela	ative Humidity	Range	CO2	Ran	nge #	Occupants
906	73.2	72 - 78	63	30% - 60%	535	Max 700	> Ambient	2
Noticeable Oc	dor No		Visible water nage / staining	Visible micro growth?		Amount of ma affected	terial	
Ceiling Type	2 x 4 Lay	In	No	No	[None	
Wall Type	Drywal	l	No	No	[None	
Flooring	Tile		No	No	[None	
	Clean	Minor Dust / Debris	Needs Cleaning		Correc	tive Action Re	equired	
Ceiling	Yes	No	No					
Walls	Yes	No	No					
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Outdoor Condi	itions Te	mperature	95.1	Relative Humidity	50.1	Ambie	nt CO2	278
Fish	Temperature	Range R	elative Humidity	Range	CO2	Rar	nge #	Occupants
911	78.2	72 - 78	64.7	30% - 60%	525	Max 700	> Ambien	t 2
Noticeable Od	lor No] ,	Visible water lamage / staining	Visible micr ? growth?		Amount of ma affected	terial	
Ceiling Type	2 x 4 La	y In	Νο	No	[None	
Wall Type	Drywa	all	No	No	[None	
Flooring	Tile		No	No	[None	
	Clean	Minor Dus / Debris			Correc	tive Action Re	equired	
Ceiling	Yes	No	No					
Walls	Yes	No	No					
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Fish	Temperature	Range I	Relative Humidity	Range	CO2	Rar	nge #	Occupants
915	80.1	72 - 78	64	30% - 60%	506	Max 700	> Ambien	t 2
Noticeable Oc	dor No		Visible water damage / staining	Visible micro ? growth?		Amount of ma affected	terial	
Ceiling Type	2 x 4 La	ay In	No	No			None	
Wall Type	Dryw	all	No	No			None	
Flooring	Tile		No	No	Ľ		None	
	Clean	Minor Du / Debris			Correcti	ve Action Re	equired	
Ceiling	Yes	No	No					
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Fish	Temperature	Range Rel	ative Humidity	Range	CO2	Rar	nge #	Occupants
916	77.9	72 - 78	64.5	30% - 60%	524	Max 700	> Ambien	t 2
Noticeable Od	lor No		Visible water nage / staining	Visible micro growth?		mount of ma affected	terial	
Ceiling Type	2 x 4 Lay	In	No	No			None	
Wall Type	Drywal	l	No	No			None	
Flooring	Tile		No	No			None	
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