

## managing risk with responsibility

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September 14, 2012 Signature on File

TO: Lori McConaughey, Principal

**Quiet Waters Elementary School** 

FROM: Robert Krickovich, Coordinator I, LEA

Facilities Design and Construction

SUBJECT: Indoor Air Quality (IAQ) Assessment

For Custodial Supervisor Use Only
Custodial Issues Addressed
Custodial Issues Not Addressed
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On September 10, 2012, I conducted an assessment at **Quiet Waters Elementary School**. Attached are findings and recommendations for further assessment, remediation, or corrective actions 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 site based custodial 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 us at 754-321-1907.

cc: Directors, School Performance & Accountability
Shelley Meloni, Executive Director, Facilities Design and Construction
Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division
Roy Norton, Manager, Custodial/Grounds, Physical Plant Operations Division
Aston Henry, Supervisor, Risk Management
Sonja Coley, Senior Project Manager, Facilities Design and Construction
Broward Teachers Union
Federation of Public Employees

RK/tc Enc.

## **IAQ Assessment**

Quiet Waters Elementary

Evaluation Date September 10, 2012

Time of Day

12:10

Outdoor Conditions Temperature 90.8	Relative H	umidity 57.3	Ambient CO2 46	51
Fish         Temperature         Range         Relative Hun           406         76.1         72 - 78         45.3	nidity Rai	60% CO		cupants 20
Noticeable Odor No Visible water da staining?		Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in No		No		
Walls Drywall No		No No		
Floor 12" x 12" Vinyl No		No		
Ceiling Clean Yes HVAC Su		Yes	HVAC Return Grills Clean	Yes
Walls Clean Yes Inside of		Yes	Inside of Return	[Vaa]
Flooring Clean Yes Duct Cle	an L	163	Duct Clean	Yes
Room Surfaces Yes Ceiling a Clean Grills Cle		Yes		
Trash Removed Yes Exhaust Fans	Working [	N/A	Unapproved Chemicals / Cleaners in Room	Yes
Signs of Pests No Drain T	raps Wet	Yes	Air Fresheners	- No
Room Cluttered No Food if Stored in Sealed Contai		N/A	in Room	No
Mechanical Equipment Location Above Ceiling			Mechanical Room Clean	
Filters Installed Properly Yes Filter	rs Clean	Yes	Inside of HVAC Unit Clean	N/A
Condensate Pan Clean N/A Cooling Co	oil Clean	N/A		
Fresh Air Intake Location Outside of Room		▼	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake		▼	or obstruction	
Observations				
HFSP states condensation on exterior of windows in and humidity is high outdoors.	mornings - T	his is normal wher	n room is cooler than outdo	oors
Found Lysol Spray, 2 cans of Renuzit air freshener, a	nd Clorox Ar	nywhere spray clea	ner under sink.	
Corrective Actions to be Completed by Site Based St			ons to be Completed by PP	
Remove all non approved chemicals from room	<b> ▼</b>	кераіг нуас	to reduce CO2 levels	▼
	▼			▼
	<b>▼</b>			▼
				▼