

managing risk with responsibility

Risk Management Department		Fax:	754 321-1900 754 321-1917	
October 10,	2013 S	Signature on File	For Custodial Supervisor Use Only	
TO:	Kathryn Marlow, Principa Seminole Middle School			sues Addressed sues Not Addressed
FROM:	Richard Rosa, Project Mar Risk Management Depart	0		
SUBJECT:	Indoor Air Quality (IAQ)	Assessment		

On October 7, 2013, I conducted an assessment at **Seminole Middle 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: Shelley Meloni, Task Assigned Chief Facilities & Construction Officer, Facilities & Construction Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division Roy Norton, Manager, Custodial/Grounds, Physical Plant Operations Division Aston Henry, Director, Risk Management Sonja Coley, Senior Project Manager, Facilities & Construction Broward Teachers Union Federation of Public Employees

RR/tc Enc.

IAQ Assessment

Semi	inole Middle Evaluation Date	e October 7, 2013	Time of Day 10:00	
Outdoor Conditions Tempera	ature 80.7 Relative	Humidity 82.9	Ambient CO2 443	
		Range CO ² 685	Range # Occupar MAX 700 > Ambient	nts
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' x 4' Walls Drywall	No No	No Yes	20 sq ft	<u> </u>
Floor Carpet	No	No		
Ceiling Clean No Walls Clean No	HVAC Supply Grills Clean	No	HVAC Return Grills Clean	
Flooring Clean Yes	Inside of Supply Duct Clean	N/A	Inside of Return Duct Clean	
Room Surfaces No Clean	Ceiling at Supply Grills Clean	No		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	٦
Signs of Pests No	Drain Traps Wet	N/A	Air Fresheners No	_
Room Cluttered Yes	Food if Stored in Room is in Sealed Containers	N/A	in Room	
Mechanical Equipment Location	Roof Top Unit # 18		Mechanical Room Clean N/A]
Filters Installed Properly Yes			Inside of HVAC Unit Clean Yes	ا [
Condensate Pan Clean Yes	Cooling Coil Clean	Yes		
Fresh Air Intake Location	Roof top		Fresh Air Intake Free of Obstruction	
Pollutant Sources Near Air Intake	No	▼	or obstruction.	
Observations				
Surface microbial growth behind HVAC repairs have been made. I due to confidential records. The tiles.	The office manager states the e	vening cleaning crew a	are not able to enter her space	

Corrective Actions to be Completed by Site Based Staff

Corrective Actions to the Completion by One Bucou Stain			
Continue to monitor and wipe surfaces w/ wexcide	▼		
Coordinate a schedule to clean properly	▼		
Clean dust from ceiling tiles or replace	▼		
Clean HVAC supply grills with Wexcide	▼		
Vacuum/wipe return grill	▼		
	▼		
	▼		
	▼		

Corrective Actions to be Completed by PPO

Ceiling tile cuts needed around supply vents	▼
Evaluate fresh air damper to RTU # 18	▼
Repair HVAC to reduce humidity level	▼
	▼
	▼
	▼
	▼
	▼

IAQ Assessment

Seminole Middle Eval	luation Da	te October 7, 2013	Time of Day 1	1:30	
Outdoor Conditions Temperature 80.7	Relative	e Humidity 82.9	Ambient CO2 4	43	
Fish Temperature Range Relative Hun 116C 70.5 72 - 78 68.3	i	Range CC 75		ccupants	
Noticeable Odor No Visible water da staining?		Visible microbial growth?	Amount of material affected		
Ceiling 2' x 4' No		No			
Walls Drywall No		No			
Floor Carpet No		No			
Ceiling Clean No HVAC Su Grills Cle		No	HVAC Return Grills Clean	No	
Flooring Clean Yes Inside of Duct Cle		N/A	Inside of Return Duct Clean	N/A	
Room Surfaces No Ceiling a Grills Clean		No			
Trash Removed Yes Exhaust Fans	_	N/A	Unapproved Chemicals / Cleaners in Room	No	
Signs of Pests No Drain T Room Cluttered Yes Food if Stored in Sealed Contain		N/A	Air Fresheners in Room	No	
Mechanical Equipment Location Roof Top Unit # 5	Mechanical Equipment Location Roof Top Unit # 5 Mechanical Room Clean N/A				
Filters Installed Properly Yes Filte	rs Clean	Yes	Inside of HVAC Unit Clean	Yes	
Condensate Pan Clean Yes Cooling Co	oil Clean	Yes			
Fresh Air Intake Location Roof top Pollutant Sources Near Air No		▼	Fresh Air Intake Free of Obstruction	Yes	
Observations Programme					
This room is a computer laptop storage room. The H\	AC coils	are frozen in the RTU	l # 5.		
Corrective Actions to be Completed by Site Based St	aff	Corrective Action	ons to be Completed by PF	0	
				▼	
Clean cobwebs from low corners	▼		h air damper to RTU # 5	▼	
Clean dust from ceiling tiles or replace	▼	Repair HVAC	to reduce humidity level	▼	
Clean HVAC supply grills with Wexcide ▼					
	 ▼				