

Aston A. Henry, Director

managing risk with responsibility

754 321-1900

Telephone:

Risk Manage	ment Department	Fax:	754 321-1917		
October 8, 20	Signature on File	For Custodial Supervisor Use Only			
TO:	Maria Perez, Principal Ramblewood Elementary School	Custodial Issues Addressed Custodial Issues Not Addressed			
FROM:	Robert Krickovich, Coordinator I, LEA Risk Management Department				
SUBJECT:	Indoor Air Quality (IAQ) Assessment				

On September 30, 2013, I conducted an assessment at **Ramblewood 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: 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

RK/tc Enc.

IAQ Assessment

Ramblewood Elementary

Evaluation Date September 30, 2013

Time of Day

11:00

Outdoor Conditions Temperature	e 88.1 Relative	e Humidity 61.5	Ambient CO2 4	76
Fish Temperature Range 872 71.9 72 - 78		Range Co		ccupants 25
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	No	No		
Walls Drywall Floor 12" x 12" Vinyl	No	No No		
12 x 12 viiiyi	No No	No		
Ceiling Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Walls Clean Yes	Inside of Supply	Yes	Inside of Return	Yes
Flooring Clean Yes Room Surfaces Yes	Duct Clean		Duct Clean	103
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Working	Yes	Unapproved Chemicals /	No
Signs of Pests No	Drain Traps Wet	Yes	Cleaners in Room	
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	Yes
Mechanical Equipment Location FIS	SH 872A		Mechanical Room Clean	Yes
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean Yes	Cooling Coil Clean	Yes		
Fresh Air Intake Location	tside of Unit	▼	Fresh Air Intake Free	Yes
Pollutant Sources Near Air Intake	k tree	▼	of Obstruction	
Observations				
Two Renuzit air fresheners in room -	· CO2 slightly elevated			
Corrective Actions to be Completed	by Site Based Staff	Corrective Acti	ions to be Completed by P	 PO
Remove chemicals and/or air	fresheners ▼		AC to reduce CO2 level	▼
	▼			▼
	▼			▼
	▼			▼
	▼			▼
	▼			▼

IAQ Assessment

Ramblewood Elementary

Evaluation Date September 30, 2013

Time of Day

11:00

Outdoor Conditions Te	mperature	88.1 Rela	tive Humidity [61.5	Ambient CO2	476
Fish Temperature 856 71.0	Range 72 - 78	Relative Humidity 50.6	Range 30% - 60%	CO ² 993		Occupants 8
Noticeable Odor No	Vis	ible water damage <i>l</i> staining?	Visible m grow		Amount of material affected	I
Ceiling 2' X 4' Lay in		No	No			
Walls Drywall		No	No	_		
Floor 12" x 12" Viny	<u> </u>	No_	_ No		<u> </u>	
Ceiling Clean Yes		HVAC Supply Grills Clean	Yes		HVAC Return Grills Clean	Yes
Walls Clean Yes Flooring Clean Yes		Inside of Supply	Yes		Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean		Ceiling at Supp Grills Clean	ly Yes			
Trash Removed Yes	E	xhaust Fans Workir	yes Yes		Unapproved Chemicals Cleaners in Room	Yes
Signs of Pests No		Drain Traps W			Air Fresheners	No
Room Cluttered No		d if Stored in Room ealed Containers	is N/A		in Room	
Mechanical Equipment Loc	ation FISH 856	A			Mechanical Room Clea	n Yes
Filters Installed Properly	Yes	Filters Clea	n Yes		Inside of HVAC Unit Clea	n Yes
Condensate Pan Clean	Yes	Cooling Coil Clea	n Yes			
Fresh Air Intake Location	Outside (of Unit		▼	Fresh Air Intake Free	Yes
Pollutant Sources Near Air Intake Trees of Obstruction						
Observations						
Bottle of 409 Cleaner unde side of HVAC Unit.	r sink - Ceiling t	ile missing in 856	A - 1 square for	ot of micro	bbial growth on wall in 8	356A right
Corrective Actions to be C	ompleted by Si	te Based Staff	Correc	ctive Actio	ns to be Completed by	PPO
Clean wall surface in Remove chemicals a						▼
iveniose chemicals	anujoi ali lieshe	eners V				▼
		▼				▼
		▼				▼
	_	▼				▼
		▼				▼