

managing risk with responsibility

Aston A. Henry, Director	
Risk Management Departmen	ıt

March 10, 2015 Signature on File

TO:	Marina Rashid, Principal
	Eagle Ridge Elementary

FROM: Daniel Meyer, Project Manager Risk Management Department

SUBJECT: Indoor Air Quality (IAQ) Assessment

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Telephone:	754 321-1900
Fax:	754 321-1917

Fo	r Custodial Supervisor Use Only
	Custodial Issues Addressed
	Custodial Issues Not Addressed

On March 9, 2015, I conducted an assessment at **Eagle Ridge 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 754-321-1900.

cc: Shelley Meloni, Executive Director, 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

DM/jj Enc.

	IAQ Assess	nent		
Eagle Ridge	Elementary Evaluation Dat	e March 9, 2015	Time of Day 2:3	80 PM
Outdoor Conditions Tempera	ature 85.6 Relative	Humidity 55.2	Ambient CO2 4	16
		Range CO ² % - 60% 692	Range # Oo MAX 700 > Ambient	2
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	No	No		
Walls Drywall/Tackboard	No	No		
Floor Carpet	No	Νο		
Ceiling Clean Yes	HVAC Supply Grills Clean	No	HVAC Return Grills Clean	No
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	Yes
Signs of Pests No	Drain Traps Wet	N/A	Air Fresheners	
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	in Room	No
Mechanical Equipment Location	FISH #407		Mechanical Room Clean	Yes
Filters Installed Properly Yes	Filters Clean	Yes	nside of HVAC Unit Clean	Yes
Condensate Pan Clean No	Cooling Coil Clean	Yes		
Fresh Air Intake Location	Ducted to roof-top	▼	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	Νο	▼	or obstruction	
Observations				
Supply grills need to be wiped w vacuumed / cleaned. A/C coil wa humidity level in classroom.				

Corrective Actions to be Completed by Site Based Staff

Clean HVAC supply grills with Wexcide	▼
Clean or Replace ceiling tiles around HVAC supply	▼
grills	▼
	▼
	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

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Repair HVAC to Reduce Humidity Levels	▼
Evaluate the replacement of the drain-pan	▼
See observations for additional information	▼
	▼
	▼
	▼
	▼
	▼

	IAQ Assessr	nent	
Eagle Ridge Eleme	entary Evaluation Dat	e March 9, 2015	Time of Day 2:30 PM
Outdoor Conditions Temperature	85.6 Relative	Humidity 55.2	Ambient CO2 416
Fish Temperature Range 409 72.8 72 - 78		Range CO % - 60% 706	
Noticeable Odor Yes	Visible water damage / staining?	Visible microbial growth?	Amount of material affected
Ceiling2' X 4' Lay inWallsDrywall/TackboardFloorCarpet	No No	No No	
Ceiling CleanYesWalls CleanYesFlooring CleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean	No	HVAC Return Grills Clean No Inside of Return Duct Clean Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No	
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is	N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners No
	in Sealed Containers	<u>N/A</u>	in Room
Mechanical Equipment Location FISH Filters Installed Properly Yes Condensate Pan Clean No	#407 Filters Clean Cooling Coil Clean	Yes Yes	Mechanical Room Clean Yes Inside of HVAC Unit Clean Yes
Fresh Air Intake LocationDuctPollutant Sources Near AirNo	ed to roof-top	▼	Fresh Air Intake Free of Obstruction Yes
Observations Door was propped open and counterto	ops were being cleaned w	ith Clorox bleach cle	eaner. Odor was that of bleach.

Supply grills need to be wiped with wexcide and ceiling tiles around grills need to be replaced. Return grill needs to be vacuumed / cleaned. A/C coil was recently cleaned and filters replaced. Condensate drain pan was in bad shape. High humidity level in classroom.

Corrective Actions to be Completed by Site Based Staff

Clean HVAC supply grills with Wexcide	▼
Clean or Replace ceiling tiles around HVAC supply	▼
grills	▼
Remove Unapproved cleaners from classroom	▼
	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Repair HVAC to Reduce Humidity Levels	▼
Evaluate the replacement of the drain-pan	▼
See observations for additional information	▼
	▼
	▼
	▼
	▼
	▼