

managing risk with responsibility

Aston A. Henry, Supervisor	
Risk Management Department	t

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January 22, 2	2013 Signature on File	For Custodial Supervisor Use Only
TO:	Scott Neely, Principal Cypress Bay High School	Custodial Issues Addressed Custodial Issues Not Addressed
FROM:	Richard Rosa, Project Manager Facilities Design and Construction	
SUBJECT:	Indoor Air Quality (IAQ) Assessment	

On January 18, 2013, I conducted an assessment at **Cypress Bay High 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

RR/tc Enc.

		IAQ Assessme	ent		
	Cypress Bay High	Evaluation Date	January 18, 2013	Time of Day	1:00
Outdoor Conditions Te	mperature 62.7] Relative H	lumidity 50.1	Ambient CO2 4	07
FishTemperatureP-1221C67.2	· · · · · · · · · · · · · · · · · · ·		nge CO - 60% 445		ccupants
Noticeable Odor Ye	sta	nter damage / ining? No	Visible microbial growth?	Amount of material affected	
Walls Wood Panelin Floor 12" x 12" Viny		ies No	No	window sills	
Ceiling Clean No Walls Clean Yes Flooring Clean No	Gr Du	AC Supply ills Clean ide of Supply ct Clean	No No	HVAC Return Grills Clean Inside of Return Duct Clean	No
Room Surfaces No Clean		iling at Supply Ils Clean	No		
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	י ם [Fans Working rain Traps Wet ored in Room is Containers	N/A N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No
Mechanical Equipment Loc	ation Bard like HVAC	system in class	room	Mechanical Room Clean	N/A
Filters Installed Properly Condensate Pan Clean	N/A N/A Cool	Filters Clean ing Coil Clean	N/A N/A	Inside of HVAC Unit Clean	N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Behind Bard u	nit/Exterior wall Iscape	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations					

1221C or # 43 is a portable.

The HVAC system was not running at time of assessment.

Evaluate the Bard HVAC system to lower humidity levels and odor due the contrast between. Remove return grill and vacuum all surfaces. There was not access to the inside of the bard unit at the time of assessment. Pressure clean the exterior surfaces of the bard unit , covered in algae.

Corrective Actions to be Completed by Site Based Staff

Clean ceilings around HVAC supply grills	▼
Thoroughly clean horizontal surfaces	▼
Clean HVAC supply grills with Wexcide	▼
Thoroughly clean and sanitize flooring	▼
Pressure clean exterior of bard unit	▼
Remove HVAC return grill and vacuum	▼
Thoroughly clean blinds	▼
	▼

Corrective Actions to be Completed by PPO

VAC to reduce humidity level	Repair HV
the cleaning of the HVAC coil	Evaluate t
Clean the supply drops	Cle
nd repair cause of water damage	Evaluate and
replace wall material as necessary	Remove and re
▼	
▼	
▼	

IAQ /	Assessment
Cypress Bay High Eval	uation Date January 18, 2013 Time of Day 10:30
Outdoor Conditions Temperature 62.7	Relative Humidity 50.1 Ambient CO2 407
FishTemperatureRangeRelative HumP-1225C65.472 - 7858	idityRangeCO2Range# Occupants30% - 60%419MAX 700 >Ambient
Noticeable Odor Yes Visible water data staining? Ceiling Drywall No	mage / Visible microbial Amount of growth? material affected
Walls Wood Paneling Yes Floor 12" x 12" Vinyl No	No window sills No
Ceiling CleanNoHVAC Su Grills CleWalls CleanYesInside ofFlooring CleanYesDuct CleatRoom SurfacesNoCeiling at Grills Clean	an NO Grills Clean Yes Supply NO Inside of Return NO Duct Clean NO
Trash RemovedYesExhaust Fans NSigns of PestsNoDrain TrRoom ClutteredNoFood if Stored in in Sealed Contair	Air Fresheners No Room is N/A in Room
Mechanical Equipment Location Bard like HVAC syste Filters Installed Properly N/A Filter Condensate Pan Clean N/A Cooling Co	s Clean N/A Inside of HVAC Unit Clean N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake Observations	of Obstruction Yes

1225C or # 42 is a portable.

The HVAC system was not running at time of assessment.

Evaluate the Bard HVAC system to lower humidity levels and odor due the contrast between. Remove return grill and vacuum all surfaces. There was not access to the inside of the bard unit at the time of assessment. Pressure clean the exterior surfaces of the bard unit , covered in algae.

Corrective Actions to be Completed by Site Based Staff

n ceilings around HVAC supply grills	•
proughly clean horizontal surfaces	•
an HVAC supply grills with Wexcide	•
	•
essure clean exterior of bard unit	•
nove HVAC return grill and vacuum	•
	•
	•

Corrective Actions to be Completed by PPO

Repair HVAC to reduce humidity level	▼
Evaluate the cleaning of the HVAC coil	▼
	▼
Clean the supply drops	▼
Evaluate and repair cause of water damage	▼
Remove and replace wall material as necessary	▼
	▼
	▼