

managing risk with responsibility

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December 11, 2007 Signature on File

TO: Ms. Deborah Davey, Principal

Miramar High

FROM: Richard Rosa, Project Manager

Facilities and Construction Management

SUBJECT: Indoor Air Quality (IAQ) Assessment

Portable 334C

On December 10, 2007 I conducted an assessment of Portable 334C at Miramar High. This evaluation included observations of the flooring system, ceiling tiles, false ceiling plenum, environmental surfaces, interior and exterior walls, and the accessible ventilation equipment. Additionally, environmental parameter measurements were taken to include temperature, relative humidity, and carbon dioxide. The detailed findings, along with the recommended corrective action can be found on the attached IAQ Assessment Worksheets.

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. Within two weeks a representative from the Custodial/Grounds Department will conduct a follow-up visit to ensure that all 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 me at 754-321-1637.

Dr. Joel Herbst, Area Superintendent cc: Jacquelyn Box, Area Director Jeffrey S. Moquin, Director, Risk Management Rev Olivera, Project Manager, Facilities and Construction Management Steve Feldman, Broward Teachers Union Roy Jarrett, Federation of Public Employees Mark Dorsett, Manager 1, Physical Plant Operations Division, Zone 1

Roy Norton, Manager Custodial/Grounds, Physical Plant Operations Division

RR/tc Enc.

Time of Day	12:00 pm				Eval	luation Date December 10, 2007	
Outdoor Conditions Temperature 84.9 Relative Humidity 53.5 Ambient CO2 346							
Fish	Temperature	Range Rela	tive Humidity	Range	CO2	Range # Occupants	
P-334C	69.4 7	72 - 78	63.8	30% - 60%	348	Max 700 > Ambient 2	
Noticeable Oc	dor No		/isible water nage / staining	Visible micro g? growth?		mount of material affected	
Ceiling Type	2 x 2 Lay	In	No	No		None	
Wall Type	Drywall/Tackbo	oard/AKI	No	No		None	
Flooring	12 x 12 Vi	nyl	No	No		None	
Clean Minor Dust Needs Corrective Action Required							
Ceiling	Yes	No	No				
Walls	Yes	No	No				
Flooring	Yes	No	No				
HVAC Supply Grills No Yes			Yes	С	Clean with Wexcide disinfectant		
HVAC Return Grills No Yes			Yes	С	Clean with Wexcide disinfectant		
Ceiling at Sup Grills	ply					N/A	
Surfaces in Ro	oom Yes	No	No				
Diservations							
Findings: - Temperature was low and humidity was slightly elevated - Dust and debris on A/C grills and A/C filters - Non-approved chemicals in room (Glade air fresheners) - Dust, debris and build up on A/C coils (East unit)							
Recommendations:							
Site Based Maintenance: - Adjust thermostat to increase temperature which will subsequently lower humidity level - Wipe down A/C grills with Wexcide disinfectant solution and change A/C filters - Remove non-approved chemicals from room (Glade air fresheners) - Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as							

IAQ Assessment

Miramar High School

appropriate

Physical Plant Operations
- Clean A/C coils (East unit)

Work order EQ01103

1751

Evaluation Requested December 5, 2007

Location Number