

## managing risk with responsibility

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Risk Managen	nent Department	Fax:	754 321-1917	
June 22, 2009	Signature on File	For Custodial S	upervisor Use Only	
TO:	Ms. Linda Arnold, Principal <b>Pioneer Middle</b>		ues Addressed ues Not Addressed	
FROM:	Edward See, Project Manager Risk Management Department			
SUBIECT:	Indoor Air Quality (IAQ) Assessment			

On April 3, 2009 I conducted an assessment of Portable 453C at **Pioneer Middle School**. 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 754-321-1900.

cc: Dr. Joel Herbst, Area Superintendent

Portable 453C

Valerie Wanza, Area Direct

Jeffrey S. Moquin, Executive Director, Support Operations

Aston A. Henry, Supervisor, Risk Management

Rodney Williams, 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 Robert Krickovich, Coordinator, LEA, Facilities and Construction Management

ES/tc Enc.

		Pioneer Middle	School		Evaluation	on Requested	March 26, 2009	
Time of Day	1:00 pm				E	valuation Date [	April 3, 2009	
Outdoor Condit	ions Tem <sub>l</sub>	perature 8	5.7	Relative Humidity	55.7	Ambiei	nt CO2 379	
Fish To		ange Relati	ive Humidity 49.6	Range 30% - 60%	<b>CO2</b> 1093	Ran Max 700	ge # Occupants > Ambient 21	
Noticeable Odd	or No		isible water age / staining1	Visible micro ? growth?		Amount of material affect		
Ceiling Type	2 x 4		No	No	[		None	
Wall Type	Homasote	)	No	No			None	
Flooring	Carpet		No	No	[		None	
	Clean	Minor Dust / Debris	Needs Cleaning		Correc	tive Action Re	quired	
Ceiling	Yes	No	No					
Walls	Yes	No	No					
Flooring	No	Yes	Yes		Evalua	ate for replace	ment	
HVAC Supply (	Grills Yes	No	No					
HVAC Return C	Grills Yes	No	No					
Ceiling at Supp Grills	oly Yes	No	No					
Surfaces in Ro	om Yes	No	No					
bservations								
Findings: - 1 potted plant in room - Visible microbial growth on exterior of portable - Carpet stained and worn								
Recommendations: Site Based Maintenance: Remove potted plant from room. Soil is a source of microbial growth. Pressure clean exterior of portable Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate								
Physical Plant Operations: - Evaluate carpet for replacement with VCT								

IAQ Assessment

2571

**Location Number**