

November 21, 2007

managing risk with responsibility

Telephone: 754-321-3200

Jeffrey S. Moquin, Director Risk Management Department

partment Facsimile: 754-321-3290

TO: Ms. Mary Lou Ridge,, Principal

Bethune Elementary School

FROM: Robert Krickovich, Coordinator, LEA

Facilities and Construction Management

Signature on File

SUBJECT: Indoor Air Quality (IAQ) Assessment

Portable 122C and 530C

On November 19, 2007 I conducted an assessment of Portable 122C and 530C at **Bethune Elementary 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.

Generally, the IAQ Assessment did not identify any existing conditions significantly impacting IAQ and thereby presenting immediate health and safety concerns 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 754-321-1638.

cc: Dr. Joel Herbst, Area Superintendent
Steven Friedman, Area Director
Jeffrey S. Moquin, Director, Risk Management
Bob Sharps, Project Manager, Facilities and Construction Management
Jamie Daniels, Broward Teachers Union
Roy Jarrett, National Federation of Public and Private Employees
Mark Dorsett, Manager 1, Physical Plant Operations Division, Zone 1
Roy Norton, Manager Custodial/Grounds, Physical Plant Operations Division

RK/tc Enc.

Time of Day	11:15 am]			Ev	valuation Date November 19, 2007
Outdoor Condi	tions Ter	mperature 8	1.4 F	Relative Humidi	ty 62.2	Ambient CO2 513
Fish P-122C		Range Rela	tive Humidity	Range 30% - 60%	CO2 2821	Range # Occupants Max 700 > Ambient 19
Noticeable Od	or No		/isible water age / staining?	Visible mic		Amount of material affected
Ceiling Type	2 x 4 Lay	/ In	No	No] [None
Wall Type	Homaso	ote	No	No		None
Flooring	12 x 12 Vi	inyl	No	No] [None
	Clean	Minor Dust / Debris	Needs Cleaning		Correct	ive Action Required
Ceiling	Yes	No	No			
Walls	Yes	No	No			
Flooring	Yes	No	No			
HVAC Supply	Grills Yes	No	No			
HVAC Return	Grills Yes	No	No			
Ceiling at Sup Grills	ply					N/A
Surfaces in Ro	oom Yes	No	No			
Observations						
assessment.	ter in room - sev	at the time of th		and was not set	to fresh air.	Fresh air adjusted at the time of the
- Encourage occ	th A/C units are cupant to reduce	running and set e clutter and stor on for any signs	e items in plast	tic containers as owth as well as c	opposed to lust and deb	cardboard boxes ris accumulation and clean as

IAQ Assessment

Bethune Elementary School

0341

November 14, 2007

Location Number
Evaluation Requested

Time of Day	11:15 a	m		_			E	Evaluat	ion Date Nov	embe	r 19, 200	
Outdoor Condi	tions	Temperature	81.4	R	elative Hu	umidity	62.2		Ambient CO	2	513	
Fish	Temperatu	^{re} Range	Relative Hur	nidity	Range		CO2		Range	#	Occupan	
P-530C	68.9	72 - 78	63.1	3	80% - 60%		439	r	Max 700 > Am	bient	2	
Noticeable Od	lor N	lo	Visible w damage / st			le micr growth?			int of material affected			
Ceiling Type	2 x	4 Lay In	No]		No			None			
Wall Type	Но	masote	No		[No	No		None			
Flooring	12 x	12 Vinyl	No]	[No			None			
Clean Minor Dust Needs Corrective Action Required / Debris Cleaning												
Ceiling	Ye	S No		No.								
Walls	Ye	S No		lo								
Flooring	Ye	S No		No								
HVAC Supply	Grills Ye	S No)	No.								
HVAC Return	Grills Ye	S No		No.								
Ceiling at Sup Grills	ply							N	/A			
Surfaces in Ro	oom Ye	S No		No								
Dbservations												
time of the asse - Minor water da electrical panel.	essment. amage on v Both were	vall under wind	ow near comm	nunicatio					h air and temperall under A/C u			
Recommendati	ions:											
Site Based Mai - Ensure that bo - Thoroughly cle - Continue to mo appropriate	oth A/C unit ean stains o	s are running a	/C unit.						cumulation and	l clea	n as	

IAQ Assessment

Bethune Elementary School

0341

November 14, 2007

Location Number

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