

Jeffrey S. Moquin, Director
Risk Management Department

Telephone: 754-321-3200
Facsimile: 754-321-3290

October 12, 2005

Signature on File

TO: Mr. Ramon Dawkins, Principal
Larkdale Elementary School

FROM: Kenneth I. Partee, Project Manager, Occupational Health and Environmental
Control
Risk Management Department

SUBJECT: Indoor Air Quality (IAQ) Assessment
Portable 608P

On September 21, 2005 the IAQ Assessment Team conducted an assessment of Portable 608P at **Larkdale Elementary School**. The evaluation consisted of a walkthrough of the identified areas to assess the current condition of the location with regard to indoor air quality. This assessment included observations of the carpet, floor tile, ceiling tile, interior walls, false ceiling plenum, and accessible ventilation equipment.

Attached are the findings of this assessment along with recommendations for further assessment, remediation, or corrective actions, if needed.

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.

Should any questions arise, or if the current concerns continue after the attached recommendations have been addressed, please feel free to contact me at 754-321-3200.

cc: Dr. Harry LaCava, Area Superintendent
Fran Bolden, Area Director
Jeffrey S. Moquin, Director, Risk Management
Israel Rodriguez-Soto, Project Manager II, Facilities and Construction Management
Dane Ramson, Broward Teachers Union
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

KP/tc
Enc.

IAQ Assessment

Location Number 0621
 Evaluation Requested September 21, 2005
 Evaluation Date September 21, 2005

Larkdale Elementary School

Time of Day 3:00 pm

Outdoor Conditions Temperature 91.5 Relative Humidity 69.7 Ambient CO2 652

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
608P	66.3	72 - 78	56.2	30% - 60%	526	Max 700 > Ambient	1
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
No		Yes		Yes		4 Ceiling tiles	
Ceiling Type	2 x 4 Lay In		Yes	Yes	4 Ceiling tiles		
Wall Type	Drywall/Tackable		No	No	None		
Flooring	Tile		No	No	None		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	No	Yes	Yes	Replace 4 stained ceiling tiles
Walls	No	Yes	Yes	Clean as appropriate
Flooring	Yes	No	No	
HVAC Supply Grills	No	Yes	Yes	Clean with Wexcide disinfectant
HVAC Return Grills	No	Yes	Yes	Clean with Wexcide disinfectant
Ceiling at Supply Grills				N/A
Surfaces in Room	No	Yes	Yes	Clean as appropriate

Observations

Findings:

- 4 stained ceiling tiles
- Dust and debris on HVAC supply and return grills
- Dust and debris on HVAC filters
- Both A/C units are set for NO fresh air intake
- Damaged light cover (diffuser)
- Dust and debris on walls
- Dust build up on environmental surfaces throughout the room
- Kenmore A/C unit is not functioning

Recommendations:

Site Based Maintenance:

- Replace stained ceiling tiles
- Clean HVAC supply and return grills with Wexcide disinfectant solution
- Remove and replace HVAC filters
- Ensure that both portable A/C units are set for fresh air intake
- Clean walls throughout the room
- Thoroughly clean surfaces throughout the room
- Advise occupant to keep A/C units running
- 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 Division:

- Repair or remove Kenmore A/C unit