

Aston A. Henry, Supervisor  
Risk Management Department

Telephone: 754 321-1900  
Fax: 754 321-1917

May 14, 2012

**Signature on File**

TO: Thomas Redshaw, Principal  
**Park Trails Elementary School**

FROM: Robert Krickovich, Coordinator I, LEA  
Facilities and Construction Management

SUBJECT: Indoor Air Quality (IAQ) Assessment

<u>For Custodial Supervisor Use Only</u>	
<input type="checkbox"/>	Custodial Issues Addressed
<input type="checkbox"/>	Custodial Issues Not Addressed
_____	
_____	

On November 9, 2011, I conducted an assessment at **Park Trails Elementary School**. Attached are findings and recommendations for further assessment, remediation, or corrective actions, if needed.

The IAQ Assessment did not identify any existing conditions significantly impacting IAQ or 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 allergens and / or conditions noted 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 any item/s identified and noted 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: Area Superintendent  
Area Directors  
Shelley Meloni, Executive Director, Facilities and Construction Management  
Mark Dorsett, Acting Director, Physical Plant Operations Division, Maintenance  
Sonja Coley, Project Manager III, Facilities and Construction Management  
Roy Norton, Manager Custodial/Grounds, Physical Plant Operations Division  
Aston Henry, Supervisor, Risk Management  
Broward Teachers Union  
Federation of Public Employees

RK/tc  
Enc.

# IAQ Assessment

Location Number

Park Trails Elementary School

Evaluation Requested

Time of Day

Evaluation Date

Outdoor Conditions      Temperature       Relative Humidity       Ambient CO2

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
<input style="width: 50px;" type="text" value="301B"/>	<input style="width: 50px;" type="text" value="74.3"/>	<input style="width: 50px;" type="text" value="72 - 78"/>	<input style="width: 50px;" type="text" value="49.6"/>	<input style="width: 50px;" type="text" value="30% - 60%"/>	<input style="width: 50px;" type="text" value="1122"/>	<input style="width: 50px;" type="text" value="Max 700 &gt; Ambient"/>	<input style="width: 50px;" type="text" value="2"/>
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
<input style="width: 100px;" type="text" value="No"/>		<input style="width: 100px;" type="text"/>		<input style="width: 100px;" type="text"/>		<input style="width: 100px;" type="text"/>	
Ceiling Type	<input style="width: 150px;" type="text" value="None"/>		<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 250px;" type="text"/>		
Wall Type	<input style="width: 150px;" type="text" value="Drywall"/>		<input style="width: 50px;" type="text" value="Yes"/>	<input style="width: 50px;" type="text" value="Yes"/>	<input style="width: 250px;" type="text" value="Spotty"/>		
Flooring	<input style="width: 150px;" type="text" value="Concrete"/>		<input style="width: 50px;" type="text" value="No"/>	<input style="width: 50px;" type="text" value="No"/>	<input style="width: 250px;" type="text" value="None"/>		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 90%; height: 20px;" type="text"/>
Walls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 90%; height: 20px;" type="text"/>
Flooring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 90%; height: 20px;" type="text"/>
HVAC Supply Grills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 90%; height: 20px;" type="text"/>
HVAC Return Grills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 90%; height: 20px;" type="text"/>
Ceiling at Supply Grills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 90%; height: 20px;" type="text"/>
Surfaces in Room	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 90%; height: 20px;" type="text"/>

## Observations

### Findings

- Minor surface mold
- Contractor will be on site the first week of the holiday break in December to coat walls with an antimicrobial paint

### Site Based Maintenance:

- wipe down walls with Wexcide disinfectant solution.
- Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate

# IAQ Assessment

Location Number

Park Trails Elementary School

Evaluation Requested

Time of Day

Evaluation Date

Outdoor Conditions      Temperature       Relative Humidity       Ambient CO2

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
<input type="text" value="308B"/>	<input type="text" value="72.7"/>	<input type="text" value="72 - 78"/>	<input type="text" value="49.4"/>	<input type="text" value="30% - 60%"/>	<input type="text" value="1005"/>	<input type="text" value="Max 700 &gt; Ambient"/>	<input type="text" value="2"/>
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
<input type="text" value="No"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
Ceiling Type	<input type="text" value="None"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>		
Wall Type	<input type="text" value="Drywall"/>		<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input type="text" value="Spotty"/>		
Flooring	<input type="text" value="Concrete"/>		<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="None"/>		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Walls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Flooring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
HVAC Supply Grills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
HVAC Return Grills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Ceiling at Supply Grills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Surfaces in Room	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

**Observations**

**Findings**

- Minor surface mold
- Contractor will be on site the first week of the holiday break in December to coat walls with an antimicrobial paint

**Site Based Maintenance:**

- wipe down walls with Wexcide disinfectant solution.
- Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate