

managing risk with responsibility

Aston A. Henry, Supervisor Telephone: 754 321-1900 Fax: 754 321-1917

June 4, 2012 Signature on File

TO: Rick Rodriguez, Principal

Sea Castle Elementary School

FROM: Robert Krickovich, Coordinator I, LEA

Facilities and Construction Management

SUBJECT: Indoor Air Quality (IAQ) Assessment

For Custodial Supervisor Use Only			
	Custodial Issues Addressed		
	Custodial Issues Not Addressed		
-			

On June 1, 2012, I conducted an assessment at **Sea Castle Elementary School**. Attached are findings and recommendations for further assessment, remediation, or corrective actions needed.

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. 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

Evaluation Date

Sea Castle Elementary

June 1, 2012

Time of Day

10:40

Outdoor Conditions Temperature	e 75.8 Relati	ive Humidity 99.9	Ambient CO2 528				
Fish Temperature Range 117 73.7 72 - 78	Relative Humidity 57.0		O² Range # Occup 76 MAX 700 > 7 Ambient 7				
Noticeable Odor No Ceiling 2' X 4' Lay in Walls Drywall Floor 12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No No	Amount of material affected				
Ceiling Clean Walls Clean Flooring Clean Room Surfaces Clean	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	[Yes]	Inside of Return	lo es			
Trash Removed Yes Signs of Pests No Room Cluttered No	Exhaust Fans Working Drain Traps We Food if Stored in Room in Sealed Containers	t N/A	Cleaners III (COIII	lo lo			
Mechanical Equipment Location About the Filters Installed Properly N/A Condensate Pan Clean N/A	ove Ceiling Filters Clean Cooling Coil Clean			/A /A			
Fresh Air Intake Location Pollutant Sources Near Air Intake		▼	Fresh Air Intake Free of Obstruction				
Observations Minor dust on surfaces - two stained ceiling tiles in C001							
Corrective Actions to be Completed Thoroughly clean all sur	faces V	Evaluate and repa	ions to be Completed by PPO ir cause of stained ceiling tiles n Corridor 001	*			
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IAQ Assessment

Sea Castle Elementary Eva	Iluation Date June 1, 2012 Time of Day 10:40						
Outdoor Conditions Temperature 75.8	Relative Humidity 99.9 Ambient CO2 528						
Fish Temperature Range Relative Hu 301 73.4 72 - 78 65.4	Name CO2 Range # Occupants 30% - 60% 803 MAX 700 > 32 Ambient						
Noticeable Odor No Visible water distaining Ceiling 4' x 4' Lay in No Walls Drywall No Floor Carpet No							
Flooring Clean Yes Duct Cle	f Supply Yes Inside of Return Duct Clean At Supply No						
Trash Removed Yes Exhaust Fans Signs of Pests No Drain Room Cluttered No Food if Stored i in Sealed Conta	Cleaners in Room Air Fresheners In Room is NO						
Mechanical Equipment Location FISH 308 Filters Installed Properly Yes Filter Condensate Pan Clean Yes Cooling C	Mechanical Room Clean Yes ers Clean Yes Inside of HVAC Unit Clean Yes coil Clean Yes						
Fresh Air Intake Location Pollutant Sources Near Air Intake Roof top None	Fresh Air Intake Free of Obstruction						
Observations Media Center - Book shelves dusty, tops of books very dusty, walls and ceilings around supply grills dirty, filters have 1" gap allowing air bypass							
Corrective Actions to be Completed by Site Based Staff Corrective Actions to be Completed by PPO							
Clean dust from wall surfaces ▼ Install fillers in HVAC to prevent air b							
Clean dust and debris from ceilings	▼ ▼ ▼ ▼						
Thoroughly clean all surfaces ▼ ▼ ■ ■							
	▼						