

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

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October 26, 2017

Signature on File

TO: Irina Shearer, Principal
Silver Palms Elementary

FROM: Alison Witoshynsky, Project Manager
Environmental Health & Safety Department

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
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On October 25, 2017, I conducted an assessment at **Silver Palms 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 754-321-4200.

AW:smn

Enc.

cc: Sam Bays, Director, Maintenance Operations
Shelley Meloni, Director, Pre-Construction
Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division
Greg Neiman, Area Supervisor, Zone 1
Kurt Wirz, Area Manager Trades
Gerald Devio, Supervisor II Custodial
Benjamin Osborne, Supervisor II Custodial
Mark Murray, Supervisor II Custodial
Broward Teachers Union
Federation of Public Employees

Multiple Room IAQ Assessment

Silver Palm Elementary School

Evaluation Date October 25, 2017

Time of Day 12:55 PM

Outdoor Conditions Temperature 71.3

Relative Humidity 58.6

Ambient CO2 469

Fish # of rooms assessed

101E, 101X, 101T, 144

Temperature Range in the Rooms Assessed was Between 73.1 And 73.9 Acceptable Range 72 - 78

Relative Humidity Range in the Rooms Assessed was Between 55.1 And 68.9 Acceptable Range 30% - 60%

Co² Range in the Rooms Assessed was between 652 And 958 Acceptable Range MAX 700 > Ambient

Noticeable Odor	Visible water damage / staining?	Visible microbial growth?	Amount of material affected
No			
Ceiling 2' X 4' Lay in	No	No	3 cut CT stained (101E)
Walls Drywall	No	No	
Floor 12" x 12" Vinyl /Carpet	No	No	

Administrative Offices 101 E, T, X are carpeted. School asked if carpet can be evaluated for removal in 101 T & 101X based on occupant health concerns.
 101E - 3 stained CT, reportedly from roof leak that was repaired. Asked staff to replace ceiling tiles immediately.
 Classroom FISH 144 has 12 x 12 VFT, window leak from hurricane; maintenance already removed cabinets and drywall. No additional wet building materials.

Ceiling Clean	Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Walls Clean	Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	No
Flooring Clean	Yes	Ceiling at Supply Grills Clean	Yes		
Room Surfaces Clean	No				

Trash Removed	Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests	No	Drain Traps Wet	N/A	Air Fresheners in Room	No
Room Cluttered	Yes	Food if Stored in Room is in Sealed Containers	N/A		

Rooms cluttered with books, cardboard boxes, other school items and personal items. Staff cannot clean with amount of stuff. Suggested have occupant rotate location to move items too so staff can clean. Also, under desks needs to be vacuumed.
 Wet and stained bookcase in FISH 144 (personal item), consider removing from room. Visually inspect items previously stored on cabinets that were wet to evaluate for use/trash.

