

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

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December 14, 2017

Signature on File

TO: Haleh Darbar, Principal
Everglades High

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

SUBJECT: Indoor Air Quality (IAQ) Assessment

For Custodial Supervisor Use Only

Custodial Issues Addressed

Custodial Issues Not Addressed

On December 12, 2017, I conducted an assessment at **Everglades High 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

IAQ Assessment

Everglades High

Evaluation Date December 12, 2017

Time of Day 12:05 PM

Outdoor Conditions Temperature 72.6

Relative Humidity 51.0

Ambient CO2 409

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants	
313	69.2	72 - 78	51.4	30% - 60%	673	MAX 700 > Ambient	0	
Noticeable Odor		No	Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
Ceiling	2' X 4' Lay in		No		No			
Walls	Drywall		No		No			
Floor	Carpet		No		No			
Ceiling Clean	Yes	HVAC Supply Grills Clean		Yes	HVAC Return Grills Clean		Yes	
Walls Clean	Yes	Inside of Supply Duct Clean		N/A	Inside of Return Duct Clean		No	
Flooring Clean	No	Ceiling at Supply Grills Clean		Yes				
Room Surfaces Clean	Yes	Exhaust Fans Working		N/A	Unapproved Chemicals / Cleaners in Room		No	
Trash Removed	Yes	Drain Traps Wet		N/A	Air Fresheners in Room		No	
Signs of Pests	No	Food if Stored in Room is in Sealed Containers		N/A				
Room Cluttered	Yes	Mechanical Equipment Location		FISH 325A			Mechanical Room Clean	Yes
Filters Installed Properly	Yes	Filters Clean		Yes	Inside of HVAC Unit Clean		Yes	
Condensate Pan Clean	Yes	Cooling Coil Clean		Yes				
Fresh Air Intake Location	Over top of exterior mechanical room door ▼					Fresh Air Intake Free of Obstruction		Yes
Pollutant Sources Near Air Intake	No ▼							

Observations

The occupant is reporting eye irritation when inside the office. The occupant has stuffed animals and lots of personal items within the room. This includes plants (water and rocks, no soil), lamps with fabric shades, cardboard boxes, other papers, and containers. Spotty growth was observed on one of the lamp shades by the door. Stuffing material/batting was observed within the fins of the supply register blocking access to inspect within the duct. Other personal item(s) hanging from supply. The areas under the desk, behind and beside other furniture is packed with cardboard, papers, and other items.

Corrective Actions to be Completed by Site Based Staff

Room too cluttered to clean properly	▼
Encourage occupant to reduce clutter	▼
Remove cardboard boxes	▼
Store items in plastic containers with lids	▼
Remove live plants from room	▼
Remove stuffed animals and other fabric items (lamp/lamp shade) which can be source of dust	▼
Ensure supply grill is free of foreign objects.	▼

Corrective Actions to be Completed by PPO

Clean HVAC supply grills and drops	▼
Clean HVAC return grills and drops	▼
	▼
	▼
MORE FOR SITE BASED STAFF	▼
Vacuum and Clean Carpet once clutter reduced, if issue(s) are not resolved call in work order for carpet to be removed and replaced with tile	▼