

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

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August 31, 2017

Signature on File

TO: Carol Lesser, Principal
Nova Eisenhower 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 August 28, 2017, I conducted an assessment at **Nova Eisenhower Elementary**. 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

Nova Eisenhower Elementary

Evaluation Date August 28, 2017

Time of Day 1:30 PM

Outdoor Conditions Temperature 90.7

Relative Humidity 63.4

Ambient CO2 438

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
216	74.1	72 - 78	76.0	30% - 60%	938	MAX 700 > Ambient	2
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
Ceiling		Walls		Floor			
No		Yes		No		1 CT, S side near wall	
2' X 4' Lay in		No		No			
Drywall/Tackboard		No		No			
12" x 12" Vinyl		No		No			

Ceiling Clean	Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	No
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	Yes	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests	No	Drain Traps Wet	Yes	Air Fresheners in Room	No
Room Cluttered	Yes	Food if Stored in Room is in Sealed Containers	N/A		

Mechanical Equipment Location	FISH 212	Mechanical Room Clean	Yes
Filters Installed Properly	Yes	Filters Clean	Yes
Condensate Pan Clean	Yes	Cooling Coil Clean	Yes
		Inside of HVAC Unit Clean	Yes

Fresh Air Intake Location	Roof top	Fresh Air Intake Free of Obstruction	N/A
Pollutant Sources Near Air Intake	Not readily accessible		

Observations

Classroom. Occupant complaining of bronchitis for previous year. White spotty growth on metal door to closet. Occupant has lots of books and other paper materials throughout the room and inside the closet including on shelves in closet and within cubbies along the wall. Cubbies and other shelves are too cluttered to clean properly. Material under the window are wet. One stained ceiling tile near wall, looks like roof leaking onto metal conduit.

Corrective Actions to be Completed by Site Based Staff

Room too cluttered to clean properly	▼
Encourage occupant to reduce clutter	▼
Thoroughly clean ALL surfaces of cubbies with Wexside	▼
Floor needs sweep/vacuum in tight spots	▼
Clean Supply Grills with Wexside (closet)	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Evaluate and repair cause of stained ceiling tile	▼
Install new ceiling tile upon repair, cuts needed	▼
Evaluate and repair cause of water damaged wall material	▼
Remove and replace wall material as needed	▼
Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
Clean HVAC return grills and drops	▼