THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

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August 19, 20	Signature on File	For Custodial Supervisor Use Only
TO:	Mark Howard, Principal	Custodial Issues Addressed
	Hallandale High	Custodial Issues Not Addressed
FROM:	Robert Krickovich, Coordinator, LEA Environmental Health & Safety Department	
SUBJECT:	Indoor Air Quality (IAQ) Assessment	

On August 18, 2016, I conducted an assessment at **Hallandale 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.

RK:smn

Enc.

cc: Shelley Meloni, Director, Pre-Construction

Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division

Broward Teachers Union
Federation of Public Employees
Gerald Devio, Supervisor II Custodial
Benjamin Osborne, Supervisor II Custodial
Rich Volpi, Supervisor II Custodial
Mark Murray, Supervisor II Custodial
Sam Bays, Director, Maintenance Operations

Kurt Wirz, Area Manager Trades

IAQ Assessment

Hallanda	lle High Evaluation Da	August 18, 2016	Time of Day 10:00 AM	1
Outdoor Conditions Temperature	e 87.5 Relativ	ve Humidity 64.6	Ambient CO2 425]
Fish Temperature Range 308 72 - 78		Range CO ² 0% - 60%	Range # Occupa MAX 700 > 1 Ambient	nts
Noticeable Odor Yes	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	No	Yes	Entire Room	
Walls				_
Floor				
Ceiling Clean Walls Clean	HVAC Supply Grills Clean		HVAC Return Grills Clean	\supset
Flooring Clean	Inside of Supply Duct Clean		Inside of Return Duct Clean	
Room Surfaces Clean	Ceiling at Supply Grills Clean			
Trash Removed	Exhaust Fans Working		Unapproved Chemicals / Cleaners in Room	
Room Cluttered	Drain Traps Wet Food if Stored in Room is in Sealed Containers		Air Fresheners in Room	
Mechanical Equipment Location			Mechanical Room Clean	
Filters Installed Properly	Filters Clean		Inside of HVAC Unit Clean	
Condensate Pan Clean	Cooling Coil Clean			
Fresh Air Intake Location Pollutant Sources Near Air		▼	Fresh Air Intake Free of Obstruction	
Intake				
Observations Entire classroom ceiling covered with Abatement Contractor to complete to		n un-occupiable until mo	old abatement is completed.	
Corrective Actions to be Completed	by Site Based Staff		ns to be Completed by PPO	
	▼		g tiles after abatement side air dampers	▼
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	▼			▼
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IAQ Assessment

Hallandale High	Evaluation Da	August 18, 2016	Time of Day10:	00 AM			
Outdoor Conditions Temperature 87.5	Relative	e Humidity 64.6	Ambient CO2 4	25			
Fish Temperature Range Relation 310 72 - 78		Range CO % - 60%	Range # Oo MAX 700 > Ambient	ccupants 1			
sta	ater damage / aining? No	Visible microbial growth? Yes	Amount of material affected Entire Room				
Walls Clean Ins Flooring Clean Du Room Surfaces Ce	VAC Supply rills Clean side of Supply uct Clean eiling at Supply rills Clean		HVAC Return Grills Clean Inside of Return Duct Clean				
Signs of Pests	t Fans Working Orain Traps Wet ored in Room is Containers		Unapproved Chemicals / Cleaners in Room Air Fresheners in Room				
Mechanical Equipment Location Filters Installed Properly Condensate Pan Clean Coo	Filters Clean		Mechanical Room Clean Inside of HVAC Unit Clean				
Fresh Air Intake Location Pollutant Sources Near Air Intake		▼	Fresh Air Intake Free of Obstruction				
Observations Entire classroom ceiling covered with microbial growth. Room un-occupiable until mold abatement is completed. Abatement Contractor to complete the removal							
Corrective Actions to be Completed by Site Bas	sed Staff ▼ ▼	Replace ceili	ons to be Completed by Pl ng tiles after abatement utside air dampers	PO			
	▼ ▼ ▼			▼ ▼ ▼			
	▼ ▼			▼ ▼			

IAQ Assessment

Hallanda	ale High Evaluation D a	August 18, 2016	Time of Day 10:00 AN	Л
Outdoor Conditions Temperature	e 87.5 Relativ	ve Humidity 64.6	Ambient CO2 425	
Fish Temperature Range		Range <u>CO</u> 0% - 60%	Range # Occupa MAX 700 > 1 Ambient	ants
Noticeable Odor Yes	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	No	Yes	Entire Room	
Walls				_
Floor				
Ceiling Clean	HVAC Supply Grills Clean		HVAC Return Grills Clean	\neg
Walls Clean	Inside of Supply		Inside of Return	
Flooring Clean	Duct Clean		Duct Clean	
Room Surfaces Clean	Ceiling at Supply Grills Clean			
Trash Removed	Exhaust Fans Working		Unapproved Chemicals / Cleaners in Room	
Signs of Pests	Drain Traps Wet		Air Fresheners	\neg
Room Cluttered	Food if Stored in Room is in Sealed Containers		in Room	
Mechanical Equipment Location			Mechanical Room Clean	
Filters Installed Properly	Filters Clean		Inside of HVAC Unit Clean	
Condensate Pan Clean	Cooling Coil Clean			
Fresh Air Intake Location		▼	Fresh Air Intake Free	\neg
Pollutant Sources Near Air		▼	of Obstruction	
Observations				
Entire classroom ceiling covered wire Abatement Contractor to complete t		n un-occupiable until n	nold abatement is completed.	
•				
Corrective Actions to be Completed	I by Site Based Staff	Corrective Action	ons to be Completed by PPO	
-	▼	Replace ceilii	ng tiles after abatement	V
	▼ ▼	Check o	utside air dampers	▼
	▼			▼
	▼			 ▼
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