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

TELEPHONE (754) 321-4200

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August 21	, 2015 Signature on File	For Custodial Supervisor Use Only
TO:	Alona DePaolo, Principal Plantation High	Custodial Issues Addressed Custodial Issues Not Addressed
FROM:	Daniel Meyer, Project Manager Environmental Health & Safety Department	
SUBJECT:	Indoor Air Quality (IAQ) Assessment	

On August 20, 2015, I conducted an assessment at **Plantation High School.** Attached are findings and recommendations for further assessment, remediation, or corrective actions needed.

The IAQ Assessment did not identify any existing conditions significantly impacting IAQ or presenting immediate health and safety concerns 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 allergens and / or conditions noted 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 any item/s identified and noted 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 754-321-1900.

cc: Shelley Meloni, Director, Pre-Construction Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division Roy Norton, Manager, Custodial/Grounds, Physical Plant Operations Division Aston Henry, Director, Risk Management Broward Teachers Union Federation of Public Employees

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	IAQ Assess	ment		
Plan	tation High Evaluation Dat	te August 20, 2015	Time of Day 1:0	00 PM
Outdoor Conditions Tempera	ture 88.7 Relative	e Humidity 86.8	Ambient CO2 4	50
		Range CO ² % - 60% 475		ccupants 1
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsPlasterFloor12" x 12" Vinyl	No	No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	No HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location	Fish #231E		Mechanical Room Clean	No
Filters Installed Properly Yes Condensate Pan Clean No	Filters Clean Cooling Coil Clean	Yes Yes	Inside of HVAC Unit Clean	No
Fresh Air Intake Location Pollutant Sources Near Air Intake	Thru exterior wall	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Drain-pan leaking. Scheduled to tested - ok. Work orders called in			or in this area. Wall moist	ure

Corrective Actions to be Completed by Site Based Staff

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Corrective Actions to be Completed by PPO

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	IAQ Assessr	nent		
Pla	entation High Evaluation Date	e August 20, 2015	Time of Day 1:0	00 PM
Outdoor Conditions Temper	ature 88.7 Relative	Humidity 86.8	Ambient CO2 4	50
		Range <u>CO²</u> % - 60%	MAX 700 > Ambient	ccupants
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in			31 ceiling tiles out	:
Walls Plaster				
Floor 12" x 12" Vinyl				
Ceiling Clean	HVAC Supply Grills Clean		HVAC Return Grills Clean	
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	
Signs of Pests	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		nside of HVAC Unit Clean	
Fresh Air Intake Location Pollutant Sources Near Air		 ▼ ▼	Fresh Air Intake Free of Obstruction	
Intake Observations				
No assessment - Ceiling tiles ne	eed to be replaced.			

Corrective Actions to be Completed by Site Based Staff

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Corrective Actions to be Completed by PPO

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	IAQ Assessr	nent		
Plar	ntation High Evaluation Dat	e August 20, 2015	Time of Day 1:00 I	PM
Outdoor Conditions Tempera	ture 88.7 Relative	Humidity 86.8	Ambient CO2 450	
		Range CO ² % - 60% 479	Range # Occu MAX 700 > Ambient	ipants 1
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	No	No		
Walls Plaster	No	No		
Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
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	No
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	in Room	
Mechanical Equipment Location	Fish #168		Mechanical Room Clean	Yes
Filters Installed Properly Yes	Filters Clean	Yes	side of HVAC Unit Clean	Yes
Condensate Pan Clean Yes	Cooling Coil Clean	Yes		
Fresh Air Intake Location	Thru exterior wall	▼	Fresh Air Intake Free	Yes
Pollutant Sources Near Air Intake	Νο	▼	of Obstruction	
Observations				

Corrective Actions to be Completed by Site Based Staff

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Corrective Actions to be Completed by PPO

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	IAQ Assess	sment		
Р	lantation High Evaluation Da	August 20, 2015	Time of Day 1:0	00 PM
Outdoor Conditions Tempe	erature 88.7 Relativ	ve Humidity 86.8	Ambient CO2 4	50
	RangeRelative Humidity72 - 7853.530	Range CO 0% - 60% 490		ccupants 1
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsPlasterFloor12" x 12" Vinyl	No No No	No No		
Ceiling CleanYesWalls CleanYes	HVAC Supply Grills Clean Inside of Supply	Yes	HVAC Return Grills Clean Inside of Return	Yes
Flooring Clean Yes	Duct Clean	Yes	Duct Clean	Yes
Room Surfaces No Clean	Ceiling at Supply Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of PestsNoRoom ClutteredNo	Drain Traps Wet Food if Stored in Room is in Sealed Containers		Air Fresheners in Room	No
Mechanical Equipment Location	n Fish #168		Mechanical Room Clean	Yes
Filters Installed Properly	es Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean	Cooling Coil Clean	Yes		
Fresh Air Intake Location Pollutant Sources Near Air Intake	Thru exterior wall	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Small office in teacher plannin were recently removed.	g are. Bookcase needs to wiped	d clean - upper surface	s are dusty. Contents in th	nis room

Corrective Actions to be Completed by Site Based Staff

Clean dust on elevated surfaces	▼
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Corrective Actions to be Completed by PPO

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	IAQ Assessr	nent		
Pi	antation High Evaluation Dat	e August 20, 2015	Time of Day 1:00 PM	
Outdoor Conditions Tempe	rature 88.7 Relative	Humidity 86.8	Ambient CO2 450	
		Range CO ² % - 60% 485	Range # Occupa MAX 700 > 1 Ambient	nts
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	No	No		
Walls Plaster	No	No		
Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	s
Walls CleanYesFlooring CleanYes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	s
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Working		Unapproved Chemicals / Cleaners in Room	,
Signs of Pests No Room Cluttered No	Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners No	5
Mechanical Equipment Location	Fish #168		Mechanical Room Clean Yes	s
Filters Installed Properly			side of HVAC Unit Clean Yes	s
Condensate Pan Clean Ye	s Cooling Coil Clean	Yes		
Fresh Air Intake Location	Thru exterior wall	▼	Fresh Air Intake Free Yes	s
Pollutant Sources Near Air Intake	Νο	▼		
Observations				
Storage room - old maps and p	rojector screens.			
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Corrective Actions to be Completed by Site Based Staff

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Corrective Actions to be Completed by PPO

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