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

#### **TELEPHONE (754) 321-4200**

#### FACSIMILE: (754) 321-4285

June 7, 2016	Signature on File	For Custodial Supervisor Use Only
TO:	Shernette Grant, Principal William Dandy Middle	Custodial Issues Addressed
FROM:	Robert Krickovich, Coordinator, LEA Environmental Health & Safety Department	Custodial Issues Not Addressed
SUBJECT:	Indoor Air Quality (IAQ) Assessment	

On May 27, 2016, Edward See conducted an assessment at **William Dandy Middle 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 Assessi	ment		
Dandy, Wi	Iliam Middle Evaluation Dat	te May 27, 2016	Time of Day 8:	54 AM
Outdoor Conditions Tempera	ature 80.8 Relative	e Humidity 59.3	Ambient CO2 4	87
		Range         CO <sup>2</sup> % - 60%         452		ccupants 2
Noticeable OdorNoCeiling2' X 2' Lay inWallsDrywall	Visible water damage / staining? No No	Visible microbial growth? No	Amount of material affected	
Floor     12" x 12" Vinyl       Ceiling Clean     Yes       Walls Clean     Yes       Flooring Clean     No       Deem Surfaces     Ne	NO HVAC Supply Grills Clean Inside of Supply Duct Clean	No Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	No
Room SurfacesNoCleanTrash RemovedYesSigns of PestsNoRoom ClutteredNo	Ceiling at Supply Grills Clean Exhaust Fans Working Drain Traps Wet Food if Stored in Room is	Yes N/A No	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	Yes
Mechanical Equipment Location	in Sealed Containers	Yes	Mechanical Room Clean	Yes Yes
Condensate Pan Clean Yes	Cooling Coil Clean	Yes		
Fresh Air Intake Location Pollutant Sources Near Air Intake	Ceiling outside 707 None	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations Multiple ceiling tiles not seated teacher's desk opened and is so cleaner in room.				

### Corrective Actions to be Completed by Site Based Staff

Thoroughly clean horizontal surfaces	▼
Remove and replace stained ceiling tiles	▼
Remove non-approved chemicals	▼
Ensure doors and windows remain closed	▼
Run water in sinks and floor drains monthly	▼
	▼
	•
	▼

### Corrective Actions to be Completed by PPO

▼
▼
▼
▼
▼
▼
▼
▼

	IAQ Assessi	ment		
Dandy, Wi	Iliam Middle Evaluation Dat	e May 27, 2016	Time of Day 9:21 AM	N
Outdoor Conditions Tempera	ature 86.8 Relative	Humidity 59.3	Ambient CO2 487	
		Range         CO <sup>2</sup> % - 60%         451	Range# OccupMAX 700 >2Ambient	
Noticeable OdorYesCeiling2' X 2' Lay in	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Walls     Drywall       Floor     12" x 12" Vinyl	No No	No		
Ceiling Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	10
Flooring Clean No	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	١o
Room Surfaces No Clean	Ceiling at Supply Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / N	10
Signs of PestsNoRoom ClutteredYes	Drain Traps Wet Food if Stored in Room is in Sealed Containers	No N/A	Air Fresheners N in Room	10
Mechanical Equipment Location	Fish 703		Mechanical Room Clean	es
Filters Installed Properly       Yes         Condensate Pan Clean       Yes	-	Yes	Inside of HVAC Unit Clean Y	es
Fresh Air Intake Location Pollutant Sources Near Air Intake	Ceiling outside 703	<ul><li>▼</li></ul>	Fresh Air Intake Free Y	es
Observations				
Heavy dust on surfaces. 2. Clut Musty odor.	ter top of book shelves heavy c	lust. 3. Keep drain tra	os wet to prevent sewer gas.	4

#### Corrective Actions to be Completed by Site Based Staff

Thoroughly clean all surfaces	▼
Encourage occupant to reduce clutter	▼
Run water in sinks and floor drains monthly	▼
	▼
	▼
	▼
	▼
	▼

# Corrective Actions to be Completed by PPO

Repair HVAC to reduce Humidity levels	▼
	▼
	▼
	▼
	▼
	▼
	▼
	▼