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

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April 12, 2016	5 Signature on File	For Custodial Supervisor Use Only
TO:	James McDermott, Principal Bair Middle	Custodial Issues Addressed
FROM:	Daniel Meyer, Project Manger Environmental Health & Safety Department	Custodial Issues Not Addressed
SUBJECT:	Indoor Air Quality (IAQ) Assessment	

On April 7, 2016, I conducted an assessment at **Bair 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.

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

DM:smn Enc.

	IAQ Assessi	ment		
	Bair Middle Evaluation Dat	e April 7, 2016	Time of Day	loon
Outdoor Conditions Temp	perature 85.0 Relative	Humidity 47.1	Ambient CO2 4	10
FishTemperature19074.3		Range CO ² % - 60% 931	Range # Oc MAX 700 > Ambient	24
Noticeable OdorYesCeiling2' X 4' Lay inWallsPlasterFloor12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No No	Amount of material affected	
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom Surfaces CleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	No Yes No	HVAC Return Grills Clean Inside of Return Duct Clean	N/a N/A
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A No N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
	on FISH #192 Yes Filters Clean Yes Cooling Coil Clean	Yes Yes	Mechanical Room Clean Inside of HVAC Unit Clean	No Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Ducted to roof-top No	▼	Fresh Air Intake Free of Obstruction	Yes

Observations

Slight smell in classroom. No return duct in classroom. Sink trap was dry. Wall open where stove was removed. Ceiling tiles around the supply grills need to be replaced. Supply grills should be replaced. Microbial growth on wooden cabinet (North wall under the printer) needs to be wiped clean with wexcide. Book cabinet on West wall needs to have the contents removed and wiped clean with wexcide. Wipe books and discard paper items with growth. Reduce stored items in cabinets (old books and papers = odors) Store in plastic containers with lids. Replace broken ceiling tile. Door to Fish #193 should be left open until return issue resolved.

Corrective Actions to be Completed by Site Based Staff

Reduce stored items in cabinets	▼
Store items in plastic containers with lids	▼
Pour water down drains when not in use	▼
Replace ceiling tiles around supply grills	▼
Replace broken ceiling tile	▼
Wipe wooden cabinet with wexcide	▼
Remove contents from West cabinet and wexcide	▼
	▼

Corrective Actions to be Completed by PPO

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	IAQ Assessi	nent		
Bair	Middle Evaluation Dat	e April 7, 2016	Time of Day	loon
Outdoor Conditions Temperature	85.0 Relative	Humidity 47.1	Ambient CO2 4	10
Fish Temperature Range 193 72.9 72 - 78		Range CO % - 60% 877		ccupants
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsPlasterFloor12" x 12" Vinyl	Yes No No	Yes No No	1 tile water / 12 have gr	owth
Ceiling CleanNoWalls CleanNoFlooring CleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean	No Yes	HVAC Return Grills Clean Inside of Return Duct Clean	No No
Room Surfaces No Clean	Ceiling at Supply Grills Clean	Νο		
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A No N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location FISH Filters Installed Properly Yes Condensate Pan Clean Yes	l #192 Filters Clean Cooling Coil Clean	Yes	Mechanical Room Clean Inside of HVAC Unit Clean	No Yes
Fresh Air Intake Location Duc Pollutant Sources Near Air No	ted to roof-top	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations Replace ceiling tiles - Water stained a	nd tiles with growth. Sup	ply grills need to be w	viped with wexcide. Return	grill

needs to be wiped with wexcide. Room unoccupied - should be thoroughly cleaned. 7 sinks have dry traps. Mechanical room is extremely dusty. Drain line in mechanical room needs to be cleaned out. Return duct work needs to be cleaned. Holes in mechanical room need to be patched - open return.

Corrective Actions to be Completed by Site Based Staff

Replace ceiling tiles	▼
Clean surfaces in mechanical room	▼
Clean supply/return grills w/ wexcide	▼
Pour water down drains when not in use	▼
Thoroughly Clean All Surfaces in Room	▼
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Corrective Actions to be Completed by PPO

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