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

TELEPHONE (754) 321-4200

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September 20	, 2017	Signature on File	Fo	r Custodial Supervisor Use Only
TO:	Roberta Ray, Princi Tamarac Elementa			Custodial Issues Addressed
FROM:	Daniel Meyer, Proje	5		Custodial Issues Not Addressed
SUBJECT:	Indoor Air Quality	(IAQ) Assessment		

On September 19, 2017, I conducted an assessment at **Tamarac Elementary 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.

DM: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				
Tama	arac Elementary Evaluation	Date September 19, 2017	Time of Day 1:0	00 PM
Outdoor Conditions Tem	perature 88.6 Rela	ative Humidity 59.7	Ambient CO2 4	30
FishTemperature70673.3	RangeRelative Humidity72 - 7853.7	Range CO ² 30% - 60% 1046		26
Noticeable Odor No	Visible water damage staining?	/ Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	Yes	No	1 tile	
Walls Drywall	Yes	Yes	East wall	
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 Supp Duct Clean	ly Yes	Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supp Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Worki		Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No	Drain Traps V	Vet Yes	Air Fresheners	No
Room Cluttered No	Food if Stored in Roon in Sealed Containers	n is N/A	in Room	
Mechanical Equipment Locat	ion In classroom mechanical	closet	Mechanical Room Clean	Yes
Filters Installed Properly	Yes Filters Clea	an Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean	Yes Cooling Coil Cle	an Yes		
Fresh Air Intake Location	Thru exterior wall	▼	Fresh Air Intake Free	Yes
Pollutant Sources Near Air Intake	Νο	▼	of Obstruction	
Observations				
Water intrusion from classro water damage on the East w School called in work-order.		king (A/C closet above wet	area). Ceiling tile is wet a	nd

Corrective Actions to be Completed by Site Based Staff

······································	_
Remove wall covering	▼
Wexcide wall	▼
	▼
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	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Repair Cause of Stained Ceiling Tiles	▼
Remove/replace interior water damaged wall	▼
	▼
	▼
	▼
	▼
	▼
	▼

	IAQ Assess	ment		
Tama	rac Elementary Evaluation Dat	te September 19, 2017	Time of Day 1:0	00 PM
Outdoor Conditions Temp	perature 88.6 Relative	e Humidity 59.7	Ambient CO2 4	30
FishTemperature71274		Range CO ² % - 60% 1283	Range # Oo MAX 700 > Ambient	ccupants 2
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	Yes	No	1 tile	
Walls Drywall	Yes	No	South wall	
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	Yes	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No	Drain Traps Wet	Yes	Air Fresheners	No
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	in Room	
Mechanical Equipment Location	on In classroom mechanical clos	set	Mechanical Room Clean	Yes
Filters Installed Properly	Yes Filters Clean	Yes	nside 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				
wall.	om above. Appears window is leal	king. Ceiling tile is wet a	and water damage on the	South
School called in work-order.	H012464			

Corrective Actions to be Completed by Site Based Staff

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Corrective Actions to be Completed by PPO

Repair Cause of Stained Ceiling Tiles	▼
Remove/replace interior water damaged wall	▼
Repair HVAC to reduce CO2 level in classroom	▼
	▼
	▼
	▼
	▼
	▼