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

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Septembe	r 11, 2015 Signature on File	For Custodial Supervisor Use Only
TO:	Daniel Boegli, Principal Sheridan Technical College	Custodial Issues Addressed
FROM:	Robert Krickovich, Coordinator, LEA Environmental Health & Safety Department	Custodial Issues Not Addressed
SUBJECT:	Indoor Air Quality (IAQ) Assessment	

On September 2, 2015, I conducted an assessment at **Sheridan Technical College.** 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 Volipi, Supervisor II Custodial
Mark Murray, Supervisor II Custodial
Sam Bays, Director, Maintenance Operations
Kurt Wirz, Area Manager Trades

Sheridan Technical Colleg	ge Evaluation Date	September 2, 2015	Time of Day 12:15 P	М		
Outdoor Conditions Temperature	Relative I	Humidity	Ambient CO2			
Fish Temperature Range 223 73.6 72 - 78	 i	ange <u>CO²</u> - 60% 613	Range # Occup MAX 700 > 1 Ambient			
Noticeable Odor No Vi	sible water damage / staining?	Visible microbial growth?	Amount of material affected			
Ceiling 2' X 4' Lay in	Yes	No	2 tiles			
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	l/a		
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	/A		
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No				
	Exhaust Fans Working	CI	napproved Chemicals / leaners in Room	10		
itto ili ciatto ca	Drain Traps Wet od if Stored in Room is Sealed Containers		Air Fresheners In Room	No		
Mechanical Equipment Location FISH 22	4	M	echanical Room Clean Y	es		
Filters Installed Properly Yes	Filters Clean	Yes Insi	de of HVAC Unit Clean	es		
Condensate Pan Clean Yes	Cooling Coil Clean	No				
Fresh Air Intake Location Unknow	'n	▼	Fresh Air Intake Free of Obstruction			
Pollutant Sources Near Air Intake		▼	of Obstruction			
Observations						
Stained ceiling tile by return grill in C004 - 2 stained ceiling tiles at west wall in 223 - Ceilings around supply grills dirty - walls in front of supply grills dirty						
Corrective Actions to be Completed by Site Based Staff Corrective Actions to be Completed by PPO						
Clean ceilings around HVAC supply grills ▼ Clean HVAC coil and pan ▼						
	Clean dust from wall surfaces ▼ Repair HVAC to Reduce Humidity Levels ▼					
	▼	Evaluate and repair cau	se of stained ceiling tile	▼		

Sheridan Technical C	ollege Evalu	uation Da	Septembe	r 2, 2015	Time of Day 12	2:15 PM
Outdoor Conditions Temperature		Relativ	e Humidity		Ambient CO2	
Fish Temperature Range 220 73.3 72 - 78	Relative Hum 63.5	 i	Range 0% - 60%	CO ² 614	Range # 0 MAX 700 > Ambient	Occupants 1
Noticeable Odor No Ceiling 2' X 4' Lay in	Visible water dan staining?		Visible mic growth No		Amount of material affected	
Walls Plaster Floor 12" x 12" Vinyl	No No		No No] [
Ceiling Clean Yes Walls Clean Yes	HVAC Su Grills Cle		Yes		HVAC Return Grills Clean	N/a
Flooring Clean No	Inside of Duct Clea		Yes		Inside of Return Duct Clean	N/A
Room Surfaces Yes Clean	Ceiling at Grills Cle		No			
Trash Removed Yes	Exhaust Fans \		N/A		napproved Chemicals <i>i</i> leaners in Room	No
Signs of Pests No Room Cluttered No	Drain Tr Food if Stored in in Sealed Contair		N/A		Air Fresheners in Room	Yes
Mechanical Equipment Location FISI	H 224			М	echanical Room Clean	Yes
Filters Installed Properly Condensate Pan Clean Yes	Filters Cooling Co	s Clean	Yes	Insi	de of HVAC Unit Clean	Yes
Fresh Air Intake Location Unk Pollutant Sources Near Air Intake	nown			▼	Fresh Air Intake Free of Obstruction	
Observations Ceilings around supply grills dirty - walls in front of supply grills dirty - Flooring dirty - Febreze air effects spray can in room - damp-rid container in room.						
Corrective Actions to be Completed by Site Based Staff Corrective Actions to be Completed by PPO						
Clean ceilings around HVAC su	ipply grills	▼			coil and pan	▼
Clean dust from wall surfaces ▼ Repair HVAC to Reduce Humidity Levels ▼						
Remove air fresheners ▼						

Remove non-approved chemicals

Clean ceilings around HVAC supply grills	▼
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Clean HVAC coil and pan	▼
Repair HVAC to Reduce Humidity Levels	▼
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Sheridan Technical Coll	ege Evaluation Date	September 2, 2015	Time of Day 12:	15 PM	
Outdoor Conditions Temperature	Relative	Humidity	Ambient CO2		
Fish Temperature Range 218 74.4 72 - 78		Range CO ² 616	Range # Oc MAX 700 > Ambient	cupants	
Noticeable Odor No Ceiling 2' X 4' Lay in Walls Plaster	Visible water damage / staining?	Visible microbial growth?	Amount of material affected		
Floor 12" x 12" Vinyl	No No	No No			
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	No	HVAC Return Grills Clean	N/a	
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	N/A	
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No			
Trash Removed Yes Signs of Pests No	Exhaust Fans Working Drain Traps Wet	N/A	Unapproved Chemicals / Cleaners in Room	No	
1100iii Giatioi Ga	Food if Stored in Room is n Sealed Containers	N/A	Air Fresheners in Room	No	
Mechanical Equipment Location FISH 2	224		Mechanical Room Clean	Yes	
Filters Installed Properly Yes Condensate Pan Clean Yes	Filters Clean Cooling Coil Clean	Yes I	nside of HVAC Unit Clean	Yes	
Fresh Air Intake Location Pollutant Sources Near Air Intake	own	▼	Fresh Air Intake Free of Obstruction		
Observations					
HVAC Supply grills dirty - Ceilings arou	na suppiy grills airty.				
Corrective Actions to be Completed by	Site Based Staff	Corrective Action	s to be Completed by PP	0	
Clean HVAC supply grills with Wexcide ▼ Clean HVAC coil and pan ▼					
Clean ceilings around HVAC supply grills ▼ Repair HVAC to Reduce Humidity Levels ▼ ▼					
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	▼			▼	

Sheridan Technical College

Evaluation Date September 2, 2015

Time of Day

12:15 PM

Outdoor Conditions Tempera	ture Relative	e Humidity	Ambient CO2	
		Range CO % - 60%	_	ccupants
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	N/a
Walls Clean Yes Flooring Clean Yes	Inside of Supply Duct Clean	N/A	Inside of Return Duct Clean	N/A
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 Room Cluttered No	Drain Traps Wet Food if Stored in Room is	N/A	Air Fresheners in Room	No
	in Sealed Containers	N/A		
Mechanical Equipment Location	FISH 224		Mechanical Room Clean	Yes
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean Yes	Cooling Coil Clean	No		
Fresh Air Intake Location	Unknown	▼	Fresh Air Intake Free of Obstruction	
Pollutant Sources Near Air Intake		▼		
Observations				
Dampers in supply grill closed ti	ght			
Corrective Actions to be Comple	eted by Site Based Staff		ons to be Completed by PI	
	▼		VAC coil and pan Reduce Humidity Levels	▼
	▼		npers in supply grill	- ▼
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Sheridan Technical College	Evaluation Date September 2,	2015 Time of Day 12:15 PM				
Outdoor Conditions Temperature	Relative Humidity	Ambient CO2				
Fish Temperature Range Relate 217 74.4 72 - 78	ive Humidity Range 66.6 30% - 60%	CO ² Range # Occupants 668 MAX 700 > 2 Ambient				
	rater damage / Visible microb aining? growth?	ial Amount of material affected				
Ceiling 2' X 4' Lay in	Yes No	2 tiles				
Walls Plaster	No No					
Floor 12" x 12" Vinyl	No No					
G	VAC Supply rills Clean No	HVAC Return Grills Clean N/a				
l	side of Supply uct Clean	Inside of Return Duct Clean N/A				
	eiling at Supply rills Clean					
Trash Removed Yes Exhaus	et Fans Working N/A	Unapproved Chemicals / Cleaners in Room				
Signs of Pests No	Drain Traps Wet N/A	Air Fresheners No				
Troom orational 110	tored in Room is Containers	in Room				
Mechanical Equipment Location FISH 224		Mechanical Room Clean Yes				
Filters Installed Properly Yes	Filters Clean Yes	Inside of HVAC Unit Clean Yes				
Condensate Pan Clean Yes Cod	oling Coil Clean No					
Fresh Air Intake Location Unknown		▼ Fresh Air Intake Free				
Pollutant Sources Near Air Intake		of Obstruction ▼				
Observations						
HVAC supply grill dirty						
Corrective Actions to be Completed by Site Based Staff Corrective Actions to be Completed by PPO						
Clean HVAC supply grills with Wexcide		an HVAC coil and pan ▼				
	▼ Repair HV	AC to Reduce Humidity Levels ▼				
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