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

TELEPHONE (754) 321-4200

FACSIMILE: (754) 321-4285

December 14	, 2016	Signature on File	For Custodial Supervisor Use Only
TO:	Michelle Engram McKr	night, Principal	Custodial Issues Addressed
	Fairway Elementary		Custodial Issues Not Addressed
FROM:	Robert Krickovich, Coo Environmental Health o	,	
SUBJECT:	Indoor Air Quality (IAC	Q) Assessment	

On December 13, 2016, I conducted an assessment at **Fairway 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.

RK:smn Enc.

cc: Sam Bays, Director, Maintenance Operations Shelley Meloni, Director, Pre-Construction Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division Gerald Devio, Supervisor II Custodial Mark Murray, Supervisor II Custodial Benjamin Osborne, Supervisor II Custodial Kurt Wirz, Area Manager Trades Broward Teachers Union Federation of Public Employees

	IAQ Assess	ment	
Fairw	ay Elementary Evaluation Da	te December 13, 2016	Time of Day 11:30 AM
Outdoor Conditions Temp	erature 85.4 Relativ	e Humidity 69.2	Ambient CO2 442
	RangeRelative Humidity72 - 7861.230	Range CO ² 0% - 60% 912	
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected
Ceiling 2' X 2' Lay in	Yes	No	2 Square Feet
Walls Drywall	Yes	No	
Floor 12" x 12" Vinyl	Yes	No	
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	Νο	HVAC Return Grills Clean No
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	Yes	
Trash Removed Yes	Exhaust Fans Working	Yes	Unapproved Chemicals / Cleaners in Room No
Signs of Pests No	Drain Traps Wet	Yes	
Room Cluttered Yes	Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners No in Room
Mechanical Equipment Locatio	on FISH 752		Mechanical Room Clean Yes
Filters Installed Properly	Filters Clean	Yes	Inside of HVAC Unit Clean Yes
Condensate Pan Clean	Cooling Coil Clean	Yes	
Fresh Air Intake Location	Outside of Room	▼	Fresh Air Intake Free Yes
Pollutant Sources Near Air Intake	None	▼	
Observations			
	ge hood - Water damaged wall ma AQ Protocol NOT completed) - H condition.		

Facilities & Construction - Evaluate building exterior

Corrective Actions to be Completed by Site Based Staff

,,, _,, _	
Remove and replace stained ceiling tile	▼
Call in work orders when water damage is first	▼
noticed	▼
Clean Supply Grills with Wexcide	▼
Clean HVAC Return Grill with Wexcide	▼
Encourage occupant to reduce clutter	▼
All should have been completed prior to Requesting	▼
an IAQ Assessment - Follow IAQ Protocol	▼

▼	Evaluate and repair cause of stained ceiling tile
▼	Remove cabinets from wall joining 754
▼	Remove and replace all water damaged walls
▼	and water damaged flooring
▼	Evaluate and repair HVAC system as needed
▼	Repair HVAC to Reduce Humidity Levels
▼	
▼	Work with Facilities on Fix for Building Exterior

	IAQ A	ssessment			
Fairwa	ay Elementary Evalua	ation Date Decembe	er 13, 2016	Time of Day 11:	30 AM
Outdoor Conditions Tempe	erature 85.4	Relative Humidity	69.2	Ambient CO2 4	42
	RangeRelative Humi72 - 7863.9	dity Range 30% - 60%	CO ² 916	Range # Oo MAX 700 > Ambient	ccupants 10
Noticeable Odor No	Visible water dam staining?	age / Visible mi grow		Amount of material affected	
Ceiling 2' X 2' Lay in Walls Drywall	Yes No	No		2 Square Feet	
Floor 12" x 12" Vinyl	No	No			
Ceiling Clean Yes	HVAC Sup Grills Clea			HVAC Return Grills Clean	No
Flooring Clean Yes	Inside of S Duct Clear			Inside of Return Duct Clean	N/A
Room Surfaces Yes Clean	Ceiling at Grills Clea				
Trash Removed Yes	Exhaust Fans W			Unapproved Chemicals / Cleaners in Room	No
Signs of PestsNoRoom ClutteredYes	Drain Tra Food if Stored in F in Sealed Containe	Room is		Air Fresheners in Room	No
Mechanical Equipment Locatio	n FISH 752			Mechanical Room Clean	Yes
Filters Installed Properly	es Filters	Clean Yes	In	side of HVAC Unit Clean	Yes
Condensate Pan Clean Y	es Cooling Coil	Clean Yes			
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room None		▼	Fresh Air Intake Free of Obstruction	Yes
Observations					
1 stained ceiling tile over rang terrible condition.	e hood - HVAC supply gr	ills dirty - HVAC retu	ırn grills dirt	y - Exterior of building	in

Facilities & Construction - Evaluate building exterior

Corrective Actions to be Completed by Site Based Staff

Remove and replace stained ceiling tile	▼
If stains return, contact COMPASS for work order	▼
Clean Supply Grills with Wexcide	▼
Clean HVAC Return Grill with Wexcide	▼
Encourage occupant to reduce clutter	▼
	▼
	▼
	▼

Remove cabinets from wall joining 751	▼
Remove and replace all water damaged walls	▼
and water damaged flooring	▼
Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
	▼
	▼
Work with Facilities on Fix for Building Exterior	▼

	IAQ Assessi	ment		
Fairway	Elementary Evaluation Dat	e December 13, 201	6 Time of Day 11:	30 AM
Outdoor Conditions Tempera	ture 85.4 Relative	Humidity 69.2	Ambient CO2 4	42
		Range CC % - 60% 902		ccupants 12
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 2' Lay inWallsDrywallFloor12" x 12" Vinyl	No No	No No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes Room Surfaces Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply	No Yes	HVAC Return Grills Clean Inside of Return Duct Clean	No N/A
Clean	Grills Clean	Yes		
Trash RemovedYesSigns of PestsNoRoom ClutteredYes	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location	FISH 756		Mechanical Room Clean	Yes
Filters Installed Properly Yes Condensate Pan Clean Yes	7	Yes	Inside of HVAC Unit Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations HVAC supply grills dirty - HVAC Facilities & Construction - I		-	ndition.	

Clean Supply Grills with Wexcide	▼
Clean HVAC Return Grill with Wexcide	▼
Encourage occupant to reduce clutter	▼
	▼
	▼
	▼
All should have been completed prior to Requesting	▼
an IAQ Assessment - Follow IAQ Protocol	▼

Corrective Actions to be Completed by PPO

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Facilities & Construction	▼
Evaluate building exterior	▼
	▼
	▼
	▼
	▼
Work with Facilities on Fix for Building Exterior	▼

	IAQ Assessi	ment		
Fairway	Elementary Evaluation Dat	December 13, 2016	Time of Day 11:	30 AM
Outdoor Conditions Tempera	ature 85.4 Relative	e Humidity 69.2	Ambient CO2 4	42
		Range CO ² % - 60% 924		ccupants 5
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 2' Lay inWallsDrywallFloor12" x 12" Vinyl	No No	No No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean	No	HVAC Return Grills Clean Inside of Return Duct Clean	No N/A
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash RemovedYesSigns of PestsNoRoom ClutteredYes	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is	Yes	Unapproved Chemicals / Cleaners in Room Air Fresheners	No No
	in Sealed Containers	N/A	in Room	
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean Yes	-	Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations HVAC supply grills dirty - HVAC	roturn grille dirty - Exterior of b	uilding in torrible con	dition	
Facilities & Construction -		-		

concerve Actions to be completed by one based of	an
Clean Supply Grills with Wexcide	▼
Clean HVAC Return Grill with Wexcide	▼
Encourage occupant to reduce clutter	▼
	▼
	▼
	▼
All should have been completed prior to Requesting	▼
an IAQ Assessment - Follow IAQ Protocol	▼

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	▼
Work with Facilities on Fix for Building Exterior	▼

	IAQ Assessi	ment		
Fairway	Elementary Evaluation Dat	December 13, 2016	δ Time of Day 11:	30 AM
Outdoor Conditions Tempera	ature 85.4 Relative	e Humidity 69.2	Ambient CO2 4	42
		Range CO % - 60% 696		ccupants 1
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 2' Lay inWallsDrywallFloor12" x 12" Vinyl	No No No	No No		
Ceiling Clean Yes Walls Clean No	HVAC Supply Grills Clean	Νο	HVAC Return Grills Clean	No
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	N/A
Room Surfaces No Clean	Ceiling at Supply Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Working	Yes	Unapproved Chemicals / Cleaners in Room	No
Signs of PestsNoRoom ClutteredYes	Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes N/A	Air Fresheners in Room	Yes
Mechanical Equipment Location	FISH 760		Mechanical Room Clean	Yes
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean Yes	Cooling Coil Clean	Yes		
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Dust / debris on walls - Dust / de cans in room - Exterior of buildi Facilities & Construction -	ng in terrible condition.		eturn grills dirty - 2 glade s	spray

,,,,,,, _	
Clean dust from wall surfaces	▼
Thoroughly clean ALL surfaces	▼
Clean Supply Grills with Wexcide	▼
Clean HVAC Return Grill with Wexcide	▼
Remove air fresheners	▼
	▼
All should have been completed prior to Requesting	▼
an IAQ Assessment - Follow IAQ Protocol	▼

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	▼
Work with Facilities on Fix for Building Exterior	▼

	IAQ Assessi	ment		
Fairway	Elementary Evaluation Dat	December 13, 2016	Time of Day 11:3	30 AM
Outdoor Conditions Tempera	ature 85.4 Relative	Humidity 69.2	Ambient CO2 44	12
		Range CO ² % - 60% 612		cupants
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 2' Lay inWallsDrywallFloor12" x 12" Vinyl	Yes Yes No	No No	4 Square Feet 6 Square Feet	
Ceiling Clean Yes Walls Clean No	HVAC Supply Grills Clean Inside of Supply	No	HVAC Return Grills Clean Inside of Return	No N/A
Flooring Clean No Room Surfaces No Clean	Duct Clean Ceiling at Supply Grills Clean	Yes	Duct Clean	
Trash RemovedYesSigns of PestsYes	Exhaust Fans Working Drain Traps Wet	Yes	Unapproved Chemicals / Cleaners in Room	No
Room Cluttered Yes	Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	No
Mechanical Equipment Location	FISH 763		Mechanical Room Clean	Yes
Filters Installed Properly Yes Condensate Pan Clean Yes	-	Yes	Inside of HVAC Unit Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
3 Stained ceiling tiles - Water damaged wall at HVAC return grill - Dust / debris / cob webs on walls - Flooring dirty - Surfaces dirty - sign of pests in bookcases - Exterior of building in terrible condition.				
Facilities & Construction - Evaluate building exterior				

Remove and replace
If stains return, contact CO
Thoroughly clear
Clean dust from
Thoroughly clean an
Clean Supply Grill
Clean HVAC Return
Encourage occupan
DMI wa d sa sw Gril

Evaluate and repair cause of stained ceiling tile	▼
Remove and replace wall material as needed	▼
Water damaged	▼
Evaluate signs of pests in bookcases	▼
	▼
	▼
	▼
Work with Facilities on Fix for Building Exterior	▼

Fish Temperature Range Relative Humidity Range CO ² Range # Occupants 765 76.5 72 - 78 59.8 30% - 60% 732 MAX 700 > 4 Noticeable Odor No Visible water damage / growth? Wisible microbial growth? Amount of material affected Ceiling 2' X 2' Lay in No No Amount of material affected Visible Drywall No No Amount of material affected Floor 12'' X 12'' Vinyl No No MAX Ceiling Clean Yes HVAC Supply HVAC Return Grills Clean No Walls Clean Yes Inside of Supply Yes Inside of Return N/A Room Surfaces Yes Ceiling at Supply Yes Unapproved Chemicals / No Signs of Pests No Drain Traps Wet Yes Air Fresheners in Room No Room Cluttered Yes Filters Clean Yes Inside of HVAC Unit Clean Yes Filters Installed Properly Yes Filters Clean Yes Inside of HVAC Unit Clean Yes		IAQ Assessi	ment		
Fish Temperature Range Relative Humidity Range CO ² Range # Occupants 765 76.5 72 - 78 59.8 30% - 60% 732 MAX 700 > 4 Noticeable Odor No Visible water damage / growth? Wisible microbial growth? Amount of material affected Ceiling 2' X 2' Lay in No No Amount of material affected Visible Drywall No No Amount of material affected Floor 12' X 2' Lay in No No Mo Valis Drywall No No Mo Floor 12' X 12' Vinyl No No Mo Walls Clean Yes HVAC Supply HVAC Return of Grills Clean No Walls Clean Yes Duct Clean No Mo Mo Room Surfaces Yes Ceiling at Supply Yes Inside of Return N/A No Signs of Pests No Drain Traps Wet Yes Air Fresheners in Room No Room Cluttered Yes Food if Stored in Room is in Sealed Containers N/A	Fairway	Elementary Evaluation Dat	December 13, 2016	Time of Day 11:	30 AM
765 76.5 72 - 78 59.8 30% - 60% 732 MAX 700 > 4 Noticeable Odor No Visible water damage / staining? Visible microbial growth? Amount of material affected Ceiling 2' X 2' Lay in No No No Walls Drywall No No No Floor 12" x 12" Vinyl No No No Ceiling Clean Yes HVAC Supply No HVAC Return Grills Clean No Walls Clean Yes Inside of Supply Yes Inside of Return Duct Clean N/A Room Surfaces Yes Ceiling at Supply Grills Clean No Air Fresheners in Room Air Fresheners in Room Sin Sealed Containers No Signs of Pests No Drain Traps Wet Yes Inside of HVAC Unit Clean Yes Filters Installed Properly Yes Food if Stored in Room Is in Room No Air Fresheners in Room No Mechanical Equipment Location FISH 767 Mechanical Room Clean Yes Inside of Room Yes Frieters Installed Properly Yes Cooling Coil Clean Yes Inside	Outdoor Conditions Tempera	ture 85.4 Relative	Humidity 69.2	Ambient CO2 4	42
Noticeable Odor No material affected Ceiling 2' X 2' Lay in No No Walls Drywall No No Floor 12" x 12' Vinyl No No Ceiling Clean Yes HVAC Supply No No Walls Clean Yes HVAC Supply No No Walls Clean Yes Inside of Supply Yes Inside of Return N/A Flooring Clean Yes Inside of Supply Yes Inside of Return N/A Room Surfaces Yes Ceiling at Supply Yes Inside of Return N/A Room Cluttered Yes Exhaust Fans Working Yes Unapproved Chemicals / Cleaners in Room No Signs of Pests No Drain Traps Wet Yes No Air Fresheners No Room Cluttered Yes Food if Stored in Room is in Sealed Containers N/A Inside of HVAC Unit Clean Yes Filters Installed Property Yes Filters Clean Yes Inside of HVAC Unit Clean Yes Condensate Pan Clean Yes Coo			722	MAX 700 >	
Walls Drywall No No Floor 12" x 12" Vinyl No No Ceiling Clean Yes HVAC Supply No Walls Clean Yes HVAC Supply No Walls Clean Yes Inside of Supply Yes Flooring Clean Yes Duct Clean No Flooring Clean Yes Duct Clean No Room Surfaces Yes Ceiling at Supply Yes Clean Grills Clean Yes Unapproved Chemicals / Cleaners in Room No Signs of Pests No Drain Traps Wet Yes Air Fresheners in Room No Room Cluttered Yes Food if Stored in Room is in Sealed Containers NA Air Fresheners in Room No Mechanical Equipment Location FISH 767 Mechanical Room Clean Yes Filters Installed Properly Yes Cooling Coil Clean Yes Condensate Pan Clean Yes Cooling Coil Clean Yes Fresh Air Intake Location Outside of Room Yes Fresh Air Intake Free of Obstruction Yes Observ	Noticeable Odor No				
Floor 12" x 12" Vinyl No No Ceiling Clean Yes HVAC Supply Grills Clean No HVAC Return Grills Clean No Walls Clean Yes Inside of Supply Duct Clean No HVAC Return Grills Clean No Room Surfaces Yes Ceiling at Supply Grills Clean Yes Inside of Return Duct Clean NA Trash Removed Yes Exhaust Fans Working Yes Unapproved Chemicals / Cleaners in Room No Signs of Pests No Drain Traps Wet Yes Air Fresheners in Room No Mechanical Equipment Location FISH 767 Mechanical Room Clean Yes Filters Installed Properly Yes Filters Clean Yes Inside of Room Yes Fresh Air Intake Location Outside of Room Yes Fresh Air Intake Free of Obstruction Yes Pollutant Sources Near Air Intake None Ves Yes Yes Ves None Ves Yes Yes Yes Pollutant Sources Near Air Intake None Ves Yes Yes Observations None Ves </td <td></td> <td>No</td> <td>No</td> <td></td> <td></td>		No	No		
Walls Clean Yes Grills Clean No Grills Clean No Walls Clean Yes Inside of Supply Yes Inside of Return NA Room Surfaces Yes Ceiling at Supply Yes Duct Clean NA Room Surfaces Yes Ceiling at Supply Yes Unapproved Chemicals / Cleaners in Room NA Trash Removed Yes Exhaust Fans Working Yes Unapproved Chemicals / Cleaners in Room No Signs of Pests No Drain Traps Wet Yes Air Fresheners in Room No Room Cluttered Yes Food if Stored in Room is in Sealed Containers N/A Mechanical Room Clean Yes Filters Installed Properly Yes Filters Clean Yes Inside of HVAC Unit Clean Yes Fresh Air Intake Location Outside of Room Yes Fresh Air Intake Free of Obstruction Yes Pollutant Sources Near Air Intake None V Fresh Air Intake Free of Obstruction Yes Observations HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition. Exterior of building in terrible condition.					
Flooring Clean Yes Inside of Supply Duct Clean Yes Inside of Return Duct Clean N/A Room Surfaces Yes Ceiling at Supply Grills Clean Yes Unapproved Chemicals / Cleaners in Room No Trash Removed Yes Exhaust Fans Working Yes Unapproved Chemicals / Cleaners in Room No Signs of Pests No Drain Traps Wet Yes Air Fresheners in Room No Room Cluttered Yes Food if Stored in Room is in Sealed Containers N/A Air Fresheners in Room No Mechanical Equipment Location FISH 767 Mechanical Room Clean Yes Filters Installed Properly Yes Filters Clean Yes Inside of HVAC Unit Clean Yes Condensate Pan Clean Yes Cooling Coil Clean Yes Fresh Air Intake Location Yes Yes Pollutant Sources Near Air Intake None ▼ Fresh Air Intake Free of Obstruction Yes Observations HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition. Exterior			No		No
Clean 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 in Room No Room Cluttered Yes Food if Stored in Room is in Sealed Containers N/A Air Fresheners in Room No Mechanical Equipment Location FISH 767 Mechanical Room Clean Yes Filters Installed Properly Yes Filters Clean Yes Condensate Pan Clean Yes Cooling Coil Clean Yes Fresh Air Intake Location Outside of Room Yes Fresh Air Intake Free of Obstruction Yes Observations None Yes Yes Yes Yes			Yes		N/A
Signs of Pests No Room Cluttered Yes Food if Stored in Room is in Sealed Containers N/A Air Fresheners in Room Mechanical Equipment Location FISH 767 Mechanical Room Clean Filters Installed Properly Yes Condensate Pan Clean Yes Condensate Pan Clean Yes Condensate Pan Clean Yes Condensate Pan Clean Yes Cooling Coil Clean Yes Fresh Air Intake Location None Ves Observations HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition.	100		Yes		
Signs of Pests No Drain Traps Wet Yes Air Fresheners No Room Cluttered Yes Food if Stored in Room is N/A Air Fresheners No Mechanical Equipment Location FISH 767 Mechanical Room Clean Yes Filters Installed Properly Yes Filters Clean Yes Inside of HVAC Unit Clean Yes Condensate Pan Clean Yes Cooling Coil Clean Yes Yes Yes Yes Fresh Air Intake Location Outside of Room ▼ Fresh Air Intake Free of Obstruction Yes Pollutant Sources Near Air Intake None ▼ Yes Yes Yes Observations HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition. Instant Sources Instant Sources	Trash Removed Yes	Exhaust Fans Working	Yes		No
Room Cluttered Yes Food if Stored in Room is in Sealed Containers N/A in Room Mechanical Equipment Location FISH 767 Mechanical Room Clean Yes Filters Installed Properly Yes Filters Clean Yes Inside of HVAC Unit Clean Yes Condensate Pan Clean Yes Cooling Coil Clean Yes Yes Fresh Air Intake Location Yes Fresh Air Intake Location Outside of Room ▼ Fresh Air Intake Free of Obstruction Yes Pollutant Sources Near Air Intake None ▼ Yes Yes Observations HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition.	Signs of Pests No	Drain Traps Wet	Yes		
Filters Installed Properly Yes Filters Clean Yes Inside of HVAC Unit Clean Yes Condensate Pan Clean Yes Cooling Coil Clean Yes Fresh Air Intake Location Yes Fresh Air Intake Free of Obstruction Yes Pollutant Sources Near Air Intake None ▼ Yes Yes Yes Observations HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition. Inside of HVAC Unit Clean Yes	Room Cluttered Yes		N/A		
Condensate Pan Clean Yes Fresh Air Intake Location Outside of Room Pollutant Sources Near Air None Intake None Observations HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition.	Mechanical Equipment Location	FISH 767		Mechanical Room Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake None Observations HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition.	Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Pollutant Sources Near Air Intake Image: None for the second	Condensate Pan Clean Yes	Cooling Coil Clean	Yes		
Pollutant Sources Near Air Intake None Intervention Observations HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition.	Fresh Air Intake Location	Outside of Room	▼		Yes
HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition.		None	▼	of Obstruction	
	Observations				
Machanical room 767, well water demaged behind HVAC units, DDO to Demayo units and replace well material	HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition.				
Mechanical room 767 - wall water damaged behind HVAC units - PPO to Remove units and replace wall material					
Facilities & Construction - Evaluate building exterior					

Clean Supply Grills with Wexcide	▼
Clean HVAC Return Grill with Wexcide	▼
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	▼

Corrective Actions to be Completed by PPO

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Remove and replace water damaged wall material	▼
in FISH 767 behind HVAC units	▼
	▼
	▼
	▼
	▼
	▼
Work with Facilities on Fix for Building Exterior	▼

	IAQ Assess	ment		
Fairway Elen	nentary Evaluation Da	te December 13, 201	6 Time of Day 11:30 AM	
Outdoor Conditions Temperature	e 85.4 Relative	e Humidity 69.2	Ambient CO2 442	
Fish Temperature Range 769 75.8 72 - 78		Range CC % - 60% 91		
Noticeable OdorNoCeiling2' X 2' Lay inWallsDrywallFloor12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No No	Amount of material affected	
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	No Yes Yes	HVAC Return Grills Clean No Inside of Return Duct Clean N/A	
Trash RemovedYesSigns of PestsNoRoom ClutteredYes	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	
Mechanical Equipment Location FIS Filters Installed Properly Condensate Pan Clean	5H 767 Filters Clean Cooling Coil Clean		Mechanical Room Clean	
Fresh Air Intake Location		▼	Fresh Air Intake Free	
Observations				
HVAC supply grills dirty - HVAC return grills dirty - Exterior of building in terrible condition.				
Mechanical room 767 - wall water damaged behind HVAC units - PPO to Remove units and replace wall material				
Facilities & Construction - Evaluate building exterior				
Corrective Actions to be Completed by Site Based Staff Corrective Actions to be Completed by PPO				

Remove and replace water damaged wall material	▼
in FISH 767 behind HVAC units	▼
	▼
	▼
	▼
	▼
	▼
Work with Facilities on Fix for Building Exterior	▼

		IAQ Assess	ment		
	Fairway Elemer	ntary Evaluation Dat	December 13, 2	016 Time of Day 11	:30 AM
Outdoor Conditions	Temperature	85.4 Relative	Humidity 69.2	Ambient CO2	42
FishTempera77080.4			-	CO ² Range # O 738 MAX 700 > [Ambient [ccupants 22
Noticeable Odor	No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 2' La Walls Drywa Floor 12" x 12" Y	àll	Yes No No	No No	1 Square Foot	
Walls Clean	ies No No	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	No Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	No N/A
Signs of Pests		Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Filters Installed Properly Condensate Pan Clea	v Yes	772 Filters Clean Cooling Coil Clean	Yes Yes	Mechanical Room Clean	Yes Yes
Fresh Air Intake Location Pollutant Sources Near A Intake		de of Room	▼	of Obstruction	Yes
Observations					
				ust / debris on surfaces - HV s - Exterior of building in ter	

Facilities & Construction - Evaluate building exterior

Corrective Actions to be Completed by Site Based Staff

condition.

Remove and replace stained ceiling tile	▼
If stains return, contact COMPASS for work order	▼
Thoroughly clean ALL surfaces	▼
Clean dust from wall surfaces	▼
Thoroughly clean and sanitize flooring	▼
Clean Supply Grills with Wexcide	▼
Clean HVAC Return Grill with Wexcide	▼
Temperature to be no more than 78 degrees	▼

Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
	▼
	▼
	▼
	▼
	▼
Work with Facilities on Fix for Building Exterior	▼

	IAQ As	ssessment			
Fairway	/ Elementary Evalua	tion Date Decembe	er 13, 2016	Time of Day 1	1:30 AM
Outdoor Conditions Temper	ature 85.4 F	Relative Humidity	69.2	Ambient CO2	442
	angeRelative Humid2 - 78666	ity Range 30% - 60%	CO ² 876	Range # (MAX 700 > Ambient	Dccupants
Noticeable Odor No	Visible water dama staining?	age / Visible mi growt		Amount of material affected	
Ceiling2' X 2' Lay inWallsDrywallFloor12" x 12" Vinyl	Yes No No	<u>No</u> No		1 Square Foot	
Ceiling Clean Yes Walls Clean Yes	HVAC Supp Grills Clean	NO		HVAC Return Grills Clean	No
Flooring Clean Yes	Inside of Su Duct Clean	Yes		Inside of Return Duct Clean	N/A
Room Surfaces Yes Clean	Ceiling at S Grills Clean				
Trash Removed Yes	Exhaust Fans Wo			Inapproved Chemicals Cleaners in Room	/ <u>No</u>
Signs of Pests No Room Cluttered Yes	Drain Trap Food if Stored in Re in Sealed Container	oom is		Air Fresheners in Room	No
Mechanical Equipment Location	FISH 772		N	lechanical Room Clean	Yes
Filters Installed Properly Ye	s Filters (Clean Yes	Ins	ide of HVAC Unit Clear	Yes
Condensate Pan Clean Yes	s Cooling Coil	Clean Yes			
Fresh Air Intake Location	Outside of Room		▼	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	None		▼		
Observations HVAC supply grills dirty - HVAC	: return grills dirty - Exter	ior of building in te	errible conditi	on.	
Facilities & Construction -	Evaluate building ex	terior			

Clean Supply Grills with Wexcide	▼
Clean HVAC Return Grill with Wexcide	▼
Encourage occupant to reduce clutter	▼
	▼
	▼
	▼
	▼
	▼

Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
	▼
	▼
	▼
	▼
	▼
Work with Facilities on Fix for Building Exterior	▼

	IAQ Assessr	ment		
Fairway	Elementary Evaluation Dat	December 13, 2016	Time of Day 11:	30 AM
Outdoor Conditions Tempera	ature 85.4 Relative	Humidity 69.2	Ambient CO2 4	42
		Range CO ² % - 60% 977	Range # Oc MAX 700 > Ambient	cupants 3
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 2' Lay in	Yes	No	3 Square Feet	
Walls Drywall	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	Yes	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No Room Cluttered Yes	Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes N/A	Air Fresheners in Room	No
Mechanical Equipment Location	Exterior wall mounted unit		Mechanical Room Clean	N/A
Filters Installed Properly N/A	Filters Clean	N/A I	nside of HVAC Unit Clean	N/A
Condensate Pan Clean N/A	Cooling Coil Clean	N/A		
Fresh Air Intake Location	Outside of Unit	▼	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	None	▼	of obstruction	
Observations				
2 Stained ceiling tiles over sink	- Exterior of building in terrible	condition.		
Facilities & Construction -	Evaluate building exterior	•		

,,,,,,, _	
Remove and replace stained ceiling tile	▼
If stains return, contact COMPASS for work order	▼
Encourage occupant to reduce clutter	▼
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	▼

Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
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Work with Facilities on Fix for Building Exterior	

	IAQ Assess	ment		
Fairw	ay Elementary Evaluation Da	te December 13, 2016	Time of Day 11:3	O AM
Outdoor Conditions Temp	erature 85.4 Relative	e Humidity 69.2	Ambient CO2 44	2
FishTemperature78178.7	RangeRelative Humidity72 - 7862.030	Range CO ² % - 60% 875	Range # Oc MAX 700 > Ambient	cupants 18
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 2' Lay inWallsDrywallFloor12" x 12" Vinyl	No No No	No No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	Νο	HVAC Return Grills Clean	No
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 PestsNoRoom ClutteredYes	Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes N/A	Air Fresheners in Room	No
Mechanical Equipment Location	on Exterior wall mounted unit		Mechanical Room Clean	N/A
Filters Installed Properly	N/A Filters Clean	N/A	Inside of HVAC Unit Clean	N/A
Condensate Pan Clean	V/A Cooling Coil Clean	N/A		
Fresh Air Intake Location	Outside of Unit	▼	Fresh Air Intake Free	Yes
Pollutant Sources Near Air Intake	None	▼	of Obstruction	·
Observations				
HVAC supply grills dirty - HV	AC return grills dirty - Exterior of	building in terrible con	dition.	
Facilities & Construction	n - Evaluate building exterio	r		

Clean Supply Grills with Wexcide	▼
Clean HVAC Return Grill with Wexcide	▼
Encourage occupant to reduce clutter	▼
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Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
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Work with Facilities on Fix for Building Exterior	▼