

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

TELEPHONE (754) 321-4200

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August 26, 2016

Signature on File

TO: Washington Collado, Principal
Rickards Middle

FROM: Daniel Meyer, Project Manger
Environmental Health & Safety Department

SUBJECT: Indoor Air Quality (IAQ) Assessment

<u>For Custodial Supervisor Use Only</u>	
<input type="checkbox"/>	Custodial Issues Addressed
<input type="checkbox"/>	Custodial Issues Not Addressed
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On August 25, 2016, I conducted an assessment at **Rickards 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.

DM: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 Assessment

Rickards Middle

Evaluation Date August 25, 2016

Time of Day 11:00 AM

Outdoor Conditions Temperature 90.7

Relative Humidity 78.6

Ambient CO2 395

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
105	73.7	72 - 78	64.6	30% - 60%	643	MAX 700 > Ambient	10
Noticeable Odor		Yes	Visible water damage / staining?		Visible microbial growth?		Amount of material affected
Ceiling	2' X 4' Lay in		Yes		Yes		2 tiles
Walls	Plaster		No		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	Yes	Inside of Return Duct Clean	Yes
Flooring Clean	Yes	Ceiling at Supply Grills Clean	No		
Room Surfaces Clean	No				

Trash Removed	Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests	No	Drain Traps Wet	N/A	Air Fresheners in Room	No
Room Cluttered	No	Food if Stored in Room is in Sealed Containers	N/A		

Mechanical Equipment Location	FISH #225		Mechanical Room Clean	No	
Filters Installed Properly	No	Filters Clean	No	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean	No	Cooling Coil Clean	No		

Fresh Air Intake Location	Roof top ▼	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	No ▼		

Observations

Water stained ceiling tiles. High humidity in this area. Supply grills need to be wiped with wexcide. Tiles around the supply grills need to be cleaned or changed. Return grill needs to be vacuumed.

- Corrective Actions to be Completed by Site Based Staff**
- | | |
|---|---|
| Replace stained ceiling tile after repair | ▼ |
| Filters to be replaced and dated properly | ▼ |
| Clean ceilings around HVAC supply grills | ▼ |
| Clean Supply Grills with Wexcide | ▼ |
| Vacuum/wipe return grill | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

- Corrective Actions to be Completed by PPO**
- | | |
|---------------------------------------|---|
| Repair Cause of Stained Ceiling Tiles | ▼ |
| Repair HVAC to Reduce Humidity Levels | ▼ |
| Clean condensate pan and drainlines | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

IAQ Assessment

Rickards Middle

Evaluation Date August 25, 2016

Time of Day 11:00 AM

Outdoor Conditions Temperature 90.7

Relative Humidity 78.6

Ambient CO2 395

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
106	75.1	72 - 78	68.6	30% - 60%	551	MAX 700 > Ambient	2
Noticeable Odor		No	Visible water damage / staining?		Visible microbial growth?		Amount of material affected
Ceiling	2' X 4' Lay in		Yes		Yes		8 tiles
Walls	Plaster		No		No		
Floor	Carpet		No		No		
Ceiling Clean	Yes	HVAC Supply Grills Clean		No	HVAC Return Grills Clean		No
Walls Clean	Yes	Inside of Supply Duct Clean		Yes	Inside of Return Duct Clean		Yes
Flooring Clean	Yes	Ceiling at Supply Grills Clean		No			
Room Surfaces Clean	Yes						
Trash Removed	Yes	Exhaust Fans Working		N/A	Unapproved Chemicals / Cleaners in Room		No
Signs of Pests	No	Drain Traps Wet		N/A	Air Fresheners in Room		No
Room Cluttered	No	Food if Stored in Room is in Sealed Containers		N/A			
Mechanical Equipment Location	FISH #225					Mechanical Room Clean	No
Filters Installed Properly	No	Filters Clean		No	Inside of HVAC Unit Clean		Yes
Condensate Pan Clean	No	Cooling Coil Clean		No			
Fresh Air Intake Location	Roof top ▼					Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	No ▼						

Observations

Library - water stained ceiling tiles need to be changed. High humidity in this area. Ceiling tiles around the supply grills need to be cleaned or changed. Supply grills need to be wiped with wexcide. Return grills need to be removed and vacuumed. Filters need to be changed - ASAP

Corrective Actions to be Completed by Site Based Staff

Replace stained ceiling tile after repair	▼
Clean ceilings around HVAC supply grills	▼
Clean Supply Grills with Wexcide	▼
Vacuum/wipe return grill	▼
Install proper filters, tape and date.	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Repair Cause of Stained Ceiling Tiles	▼
Repair HVAC to Reduce Humidity Levels	▼
Clean condensate pan and drainlines	▼
	▼
	▼
	▼
	▼

IAQ Assessment

Rickards Middle

Evaluation Date August 25, 2016

Time of Day 11:00 AM

Outdoor Conditions Temperature 90.7

Relative Humidity 78.6

Ambient CO2 395

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
126	72.2	72 - 78	74.4	30% - 60%	811	MAX 700 > Ambient	22
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		No	HVAC Return Grills Clean		No
Walls Clean	Yes	Inside of Supply Duct Clean		Yes	Inside of Return Duct Clean		Yes
Flooring Clean	Yes	Ceiling at Supply Grills Clean		No			
Room Surfaces Clean	No						
Trash Removed	Yes	Exhaust Fans Working		N/A	Unapproved Chemicals / Cleaners in Room		No
Signs of Pests	No	Drain Traps Wet		N/A	Air Fresheners in Room		No
Room Cluttered	No	Food if Stored in Room is in Sealed Containers		N/A			
Mechanical Equipment Location	FISH #225					Mechanical Room Clean	No
Filters Installed Properly	No	Filters Clean		No	Inside of HVAC Unit Clean		Yes
Condensate Pan Clean	No	Cooling Coil Clean		No			
Fresh Air Intake Location	Roof top ▼					Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	No ▼						

Observations

High humidity in this area. Supply grills need to be wiped with wexcide. Tiles around the supply grills need to be cleaned or changed. Return grill needs to be vacuumed.

Corrective Actions to be Completed by Site Based Staff

	▼
Filters to be replaced and dated properly	▼
Clean ceilings around HVAC supply grills	▼
Clean Supply Grills with Wexcide	▼
Vacuum/wipe return grill	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

	▼
Repair HVAC to Reduce Humidity Levels	▼
Clean condensate pan and drainlines	▼
	▼
	▼
	▼
	▼

IAQ Assessment

Rickards Middle

Evaluation Date

Time of Day

Outdoor Conditions Temperature

Relative Humidity

Ambient CO2

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
<input type="text" value="165"/>	<input type="text" value="70.6"/>	<input type="text" value="72 - 78"/>	<input type="text" value="73.5"/>	<input type="text" value="30% - 60%"/>	<input type="text" value="695"/>	<input type="text" value="MAX 700 > Ambient"/>	<input type="text" value="20"/>
Noticeable Odor		<input type="text" value="No"/>	Visible water damage / staining?		Visible microbial growth?		Amount of material affected
Ceiling	<input type="text" value="2' X 4' Lay in"/>		<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text"/>
Walls	<input type="text" value="Plaster"/>		<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text"/>
Floor	<input 12"="" type="text" value="12" vinyl"="" x=""/>		<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text"/>

Ceiling Clean	<input type="text" value="Yes"/>	HVAC Supply Grills Clean	<input type="text" value="No"/>	HVAC Return Grills Clean	<input type="text" value="No"/>
Walls Clean	<input type="text" value="No"/>	Inside of Supply Duct Clean	<input type="text" value="Yes"/>	Inside of Return Duct Clean	<input type="text" value="Yes"/>
Flooring Clean	<input type="text" value="Yes"/>	Ceiling at Supply Grills Clean	<input type="text" value="No"/>		
Room Surfaces Clean	<input type="text" value="No"/>				

Trash Removed	<input type="text" value="Yes"/>	Exhaust Fans Working	<input type="text" value="N/A"/>	Unapproved Chemicals / Cleaners in Room	<input type="text" value="No"/>
Signs of Pests	<input type="text" value="No"/>	Drain Traps Wet	<input type="text" value="N/A"/>	Air Fresheners in Room	<input type="text" value="No"/>
Room Cluttered	<input type="text" value="No"/>	Food if Stored in Room is in Sealed Containers	<input type="text" value="N/A"/>		

Mechanical Equipment Location	<input type="text" value="FISH #225"/>		Mechanical Room Clean	<input type="text" value="No"/>	
Filters Installed Properly	<input type="text" value="No"/>	Filters Clean	<input type="text" value="No"/>	Inside of HVAC Unit Clean	<input type="text" value="Yes"/>
Condensate Pan Clean	<input type="text" value="No"/>	Cooling Coil Clean	<input type="text" value="No"/>		

Fresh Air Intake Location	<input type="text" value="Roof top"/>	Fresh Air Intake Free of Obstruction	<input type="text" value="Yes"/>
Pollutant Sources Near Air Intake	<input type="text" value="No"/>		

Observations

High humidity in this area. Supply grills need to be wiped with wexcide. Tiles around the supply grills need to be cleaned or changed. Return grill needs to be vacuumed.

- Corrective Actions to be Completed by Site Based Staff**
- | | |
|---|---|
| | ▼ |
| Filters to be replaced and dated properly | ▼ |
| Clean ceilings around HVAC supply grills | ▼ |
| Clean Supply Grills with Wexcide | ▼ |
| Vacuum/wipe return grill | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

- Corrective Actions to be Completed by PPO**
- | | |
|---------------------------------------|---|
| | ▼ |
| Repair HVAC to Reduce Humidity Levels | ▼ |
| Clean condensate pan and drainlines | ▼ |
| | ▼ |
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IAQ Assessment

Rickards Middle

Evaluation Date August 25, 2016

Time of Day 11:00 AM

Outdoor Conditions Temperature 90.7

Relative Humidity 78.6

Ambient CO2 395

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
167	70.6	72 - 78	73.8	30% - 60%	605	MAX 700 > Ambient	1
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
Ceiling		Walls		Floor			
2' X 4' Lay in		Plaster		12" x 12" Vinyl			
<input type="checkbox"/> No		<input type="checkbox"/> No		<input type="checkbox"/> No			

Ceiling Clean	<input type="checkbox"/> Yes	HVAC Supply Grills Clean	<input type="checkbox"/> No	HVAC Return Grills Clean	<input type="checkbox"/> No
Walls Clean	<input type="checkbox"/> No	Inside of Supply Duct Clean	<input type="checkbox"/> Yes	Inside of Return Duct Clean	<input type="checkbox"/> Yes
Flooring Clean	<input type="checkbox"/> Yes	Ceiling at Supply Grills Clean	<input type="checkbox"/> No		
Room Surfaces Clean	<input type="checkbox"/> No				

Trash Removed	<input type="checkbox"/> Yes	Exhaust Fans Working	<input type="checkbox"/> N/A	Unapproved Chemicals / Cleaners in Room	<input type="checkbox"/> No
Signs of Pests	<input type="checkbox"/> No	Drain Traps Wet	<input type="checkbox"/> N/A	Air Fresheners in Room	<input type="checkbox"/> No
Room Cluttered	<input type="checkbox"/> No	Food if Stored in Room is in Sealed Containers	<input type="checkbox"/> N/A		

Mechanical Equipment Location	FISH #225	Mechanical Room Clean	<input type="checkbox"/> No
Filters Installed Properly	<input type="checkbox"/> No	Filters Clean	<input type="checkbox"/> No
Condensate Pan Clean	<input type="checkbox"/> No	Cooling Coil Clean	<input type="checkbox"/> No
		Inside of HVAC Unit Clean	<input type="checkbox"/> Yes

Fresh Air Intake Location	Roof top	Fresh Air Intake Free of Obstruction	<input type="checkbox"/> Yes
Pollutant Sources Near Air Intake	No		

Observations

High humidity in this area. Supply grills need to be wiped with wexcide. Tiles around the supply grills need to be cleaned or changed. Return grill needs to be vacuumed.

- Corrective Actions to be Completed by Site Based Staff**
- | | |
|---|---|
| | ▼ |
| Filters to be replaced and dated properly | ▼ |
| Clean ceilings around HVAC supply grills | ▼ |
| Clean Supply Grills with Wexcide | ▼ |
| Vacuum/wipe return grill | ▼ |
| | ▼ |
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- Corrective Actions to be Completed by PPO**
- | | |
|---------------------------------------|---|
| | ▼ |
| Repair HVAC to Reduce Humidity Levels | ▼ |
| Clean condensate pan and drainlines | ▼ |
| | ▼ |
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IAQ Assessment

Rickards Middle

Evaluation Date August 25, 2016

Time of Day 11:00 AM

Outdoor Conditions Temperature 90.7

Relative Humidity 78.6

Ambient CO2 395

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
168	74.1	72 - 78	80.1	30% - 60%	865	MAX 700 > Ambient	20
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
Ceiling		Walls		Floor			
No		No		No			
2' X 4' Lay in		Plaster		12" x 12" Vinyl			
No		No		No			

Ceiling Clean	<input type="checkbox"/> Yes	HVAC Supply Grills Clean	<input type="checkbox"/> No	HVAC Return Grills Clean	<input type="checkbox"/> No
Walls Clean	<input type="checkbox"/> No	Inside of Supply Duct Clean	<input type="checkbox"/> Yes	Inside of Return Duct Clean	<input type="checkbox"/> Yes
Flooring Clean	<input type="checkbox"/> Yes	Ceiling at Supply Grills Clean	<input type="checkbox"/> No		
Room Surfaces Clean	<input type="checkbox"/> No				

Trash Removed	<input type="checkbox"/> Yes	Exhaust Fans Working	<input type="checkbox"/> N/A	Unapproved Chemicals / Cleaners in Room	<input type="checkbox"/> No
Signs of Pests	<input type="checkbox"/> No	Drain Traps Wet	<input type="checkbox"/> N/A	Air Fresheners in Room	<input type="checkbox"/> No
Room Cluttered	<input type="checkbox"/> No	Food if Stored in Room is in Sealed Containers	<input type="checkbox"/> N/A		

Mechanical Equipment Location	FISH #225	Mechanical Room Clean	<input type="checkbox"/> No
Filters Installed Properly	<input type="checkbox"/> No	Filters Clean	<input type="checkbox"/> No
Condensate Pan Clean	<input type="checkbox"/> No	Cooling Coil Clean	<input type="checkbox"/> No
		Inside of HVAC Unit Clean	<input type="checkbox"/> Yes

Fresh Air Intake Location	Roof top	Fresh Air Intake Free of Obstruction	<input type="checkbox"/> Yes
Pollutant Sources Near Air Intake	No		

Observations

High humidity in this area. Supply grills need to be wiped with wexcide. Tiles around the supply grills need to be cleaned or changed. Return grill needs to be vacuumed.

- Corrective Actions to be Completed by Site Based Staff**
- ▼
 - Filters to be replaced and dated properly ▼
 - Clean ceilings around HVAC supply grills ▼
 - Clean Supply Grills with Wexcide ▼
 - Vacuum/wipe return grill ▼
 - ▼
 - ▼
 - ▼

- Corrective Actions to be Completed by PPO**
- ▼
 - Repair HVAC to Reduce Humidity Levels ▼
 - Clean condensate pan and drainlines ▼
 - ▼
 - ▼
 - ▼
 - ▼

IAQ Assessment

Rickards Middle

Evaluation Date

Time of Day

Outdoor Conditions Temperature

Relative Humidity

Ambient CO2

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
<input type="text" value="171"/>	<input type="text" value="70.8"/>	<input type="text" value="72 - 78"/>	<input type="text" value="74.6"/>	<input type="text" value="30% - 60%"/>	<input type="text" value="685"/>	<input type="text" value="MAX 700 > Ambient"/>	<input type="text" value="1"/>
Noticeable Odor		<input type="text" value="No"/>	Visible water damage / staining?		Visible microbial growth?		Amount of material affected
Ceiling	<input type="text" value="2' X 4' Lay in"/>		<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text"/>
Walls	<input type="text" value="Plaster"/>		<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text"/>
Floor	<input 12"="" type="text" value="12" vinyl"="" x=""/>		<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text"/>

Ceiling Clean	<input type="text" value="Yes"/>	HVAC Supply Grills Clean	<input type="text" value="No"/>	HVAC Return Grills Clean	<input type="text" value="No"/>
Walls Clean	<input type="text" value="No"/>	Inside of Supply Duct Clean	<input type="text" value="Yes"/>	Inside of Return Duct Clean	<input type="text" value="Yes"/>
Flooring Clean	<input type="text" value="Yes"/>	Ceiling at Supply Grills Clean	<input type="text" value="No"/>		
Room Surfaces Clean	<input type="text" value="No"/>				

Trash Removed	<input type="text" value="Yes"/>	Exhaust Fans Working	<input type="text" value="N/A"/>	Unapproved Chemicals / Cleaners in Room	<input type="text" value="No"/>
Signs of Pests	<input type="text" value="No"/>	Drain Traps Wet	<input type="text" value="N/A"/>	Air Fresheners in Room	<input type="text" value="No"/>
Room Cluttered	<input type="text" value="No"/>	Food if Stored in Room is in Sealed Containers	<input type="text" value="N/A"/>		

Mechanical Equipment Location	<input type="text" value="FISH #225"/>		Mechanical Room Clean	<input type="text" value="No"/>	
Filters Installed Properly	<input type="text" value="No"/>	Filters Clean	<input type="text" value="No"/>	Inside of HVAC Unit Clean	<input type="text" value="Yes"/>
Condensate Pan Clean	<input type="text" value="No"/>	Cooling Coil Clean	<input type="text" value="No"/>		

Fresh Air Intake Location	<input type="text" value="Roof top"/>	Fresh Air Intake Free of Obstruction	<input type="text" value="Yes"/>
Pollutant Sources Near Air Intake	<input type="text" value="No"/>		

Observations

High humidity in this area. Supply grills need to be wiped with wexcide. Tiles around the supply grills need to be cleaned or changed. Return grill needs to be vacuumed.

- Corrective Actions to be Completed by Site Based Staff**
- | | |
|---|---|
| | ▼ |
| Filters to be replaced and dated properly | ▼ |
| Clean ceilings around HVAC supply grills | ▼ |
| Clean Supply Grills with Wexcide | ▼ |
| Vacuum/wipe return grill | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

- Corrective Actions to be Completed by PPO**
- | | |
|---------------------------------------|---|
| | ▼ |
| Repair HVAC to Reduce Humidity Levels | ▼ |
| Clean condensate pan and drainlines | ▼ |
| | ▼ |
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IAQ Assessment

Rickards Middle

Evaluation Date August 25, 2016

Time of Day 11:00 AM

Outdoor Conditions Temperature 90.7

Relative Humidity 78.6

Ambient CO2 395

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
175	72.4	72 - 78	84.6	30% - 60%	655	MAX 700 > Ambient	1
Noticeable Odor		No	Visible water damage / staining?		Visible microbial growth?		Amount of material affected
Ceiling	2' X 4' Lay in		Yes		No		4 tiles
Walls	Plaster		No		No		
Floor	12" x 12" Vinyl		No		No		

Ceiling Clean	Yes	HVAC Supply Grills Clean	No	HVAC Return Grills Clean	No
Walls Clean	No	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	Yes
Flooring Clean	Yes	Ceiling at Supply Grills Clean	No		
Room Surfaces Clean	No				

Trash Removed	Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests	No	Drain Traps Wet	N/A	Air Fresheners in Room	No
Room Cluttered	No	Food if Stored in Room is in Sealed Containers	N/A		

Mechanical Equipment Location	FISH #225		Mechanical Room Clean	No	
Filters Installed Properly	No	Filters Clean	No	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean	No	Cooling Coil Clean	No		

Fresh Air Intake Location	Roof top ▼	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	No ▼		

Observations

High humidity in this area. Supply grills need to be wiped with wexcide. Tiles around the supply grills need to be cleaned or changed. Return grill needs to be vacuumed. Change water stained tiles

- Corrective Actions to be Completed by Site Based Staff**
- | | |
|---|---|
| Replace stained ceiling tile after repair | ▼ |
| Filters to be replaced and dated properly | ▼ |
| Clean ceilings around HVAC supply grills | ▼ |
| Clean Supply Grills with Wexcide | ▼ |
| Vacuum/wipe return grill | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

- Corrective Actions to be Completed by PPO**
- | | |
|---------------------------------------|---|
| Repair Cause of Stained Ceiling Tiles | ▼ |
| Repair HVAC to Reduce Humidity Levels | ▼ |
| Clean condensate pan and drainlines | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |
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IAQ Assessment

Rickards Middle

Evaluation Date

Time of Day

Outdoor Conditions Temperature

Relative Humidity

Ambient CO2

Fish	Temperature	Range	Relative Humidity	Range	CO ²	Range	# Occupants
<input type="text" value="220"/>	<input type="text" value="71.4"/>	<input type="text" value="72 - 78"/>	<input type="text" value="84.6"/>	<input type="text" value="30% - 60%"/>	<input type="text" value="655"/>	<input type="text" value="MAX 700 > Ambient"/>	<input type="text" value="10"/>
Noticeable Odor		<input type="text" value="No"/>	Visible water damage / staining?		Visible microbial growth?		Amount of material affected
Ceiling	<input type="text" value="2' X 4' Lay in"/>		<input type="text" value="Yes"/>		<input type="text" value="Yes"/>		<input type="text" value="2 tiles"/>
Walls	<input type="text" value="Plaster"/>		<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text"/>
Floor	<input 12"="" type="text" value="12" vinyl"="" x=""/>		<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text"/>
Ceiling Clean	<input type="text" value="Yes"/>	HVAC Supply Grills Clean		<input type="text" value="No"/>	HVAC Return Grills Clean		<input type="text" value="No"/>
Walls Clean	<input type="text" value="No"/>	Inside of Supply Duct Clean		<input type="text" value="Yes"/>	Inside of Return Duct Clean		<input type="text" value="Yes"/>
Flooring Clean	<input type="text" value="Yes"/>	Ceiling at Supply Grills Clean		<input type="text" value="No"/>			
Room Surfaces Clean	<input type="text" value="No"/>						
Trash Removed	<input type="text" value="Yes"/>	Exhaust Fans Working		<input type="text" value="N/A"/>	Unapproved Chemicals / Cleaners in Room		<input type="text" value="No"/>
Signs of Pests	<input type="text" value="No"/>	Drain Traps Wet		<input type="text" value="N/A"/>	Air Fresheners in Room		<input type="text" value="No"/>
Room Cluttered	<input type="text" value="No"/>	Food if Stored in Room is in Sealed Containers		<input type="text" value="N/A"/>			
Mechanical Equipment Location	<input type="text" value="FISH #225"/>					Mechanical Room Clean	<input type="text" value="No"/>
Filters Installed Properly	<input type="text" value="No"/>	Filters Clean		<input type="text" value="No"/>	Inside of HVAC Unit Clean		<input type="text" value="Yes"/>
Condensate Pan Clean	<input type="text" value="No"/>	Cooling Coil Clean		<input type="text" value="No"/>			
Fresh Air Intake Location	<input type="text" value="Roof top"/>					Fresh Air Intake Free of Obstruction	<input type="text" value="Yes"/>
Pollutant Sources Near Air Intake	<input type="text" value="No"/>						

Observations

High humidity in this area. Supply grills need to be wiped with wexcide. Tiles around the supply grills need to be cleaned or changed. Return grill needs to be vacuumed. Change water stained tiles

Corrective Actions to be Completed by Site Based Staff

Replace stained ceiling tile after repair	▼
Filters to be replaced and dated properly	▼
Clean ceilings around HVAC supply grills	▼
Clean Supply Grills with Wexcide	▼
Vacuum/wipe return grill	▼
	▼
	▼
	▼

Corrective Actions to be Completed by PPO

Repair Cause of Stained Ceiling Tiles	▼
Repair HVAC to Reduce Humidity Levels	▼
Clean condensate pan and drainlines	▼
	▼
	▼
	▼
	▼