

Aston A. Henry, Supervisor
Risk Management Department

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July 12, 2012

Signature on File

TO: Paul Baugh, Assistant Principal
Nova Middle School

FROM: Richard Rosa, Project Manager
Facilities and Construction Management

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 |
| _____ | |
| _____ | |

On July 2, 2012, I conducted an assessment at **Nova 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 754-321-1907.

cc: Directors, School Performance & Accountability
Shelley Meloni, Executive Director, Facilities and Construction Management
Mark Dorsett, Acting Director, Physical Plant Operations Division, Maintenance
Sonja Coley, Project Manager III, Facilities and Construction Management
Roy Norton, Manager Custodial/Grounds, Physical Plant Operations Division
Aston Henry, Supervisor, Risk Management
Broward Teachers Union
Federation of Public Employees

RR/tc
Enc.

IAQ Assessment

Nova 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="704"/> | <input type="text" value="75.2"/> | <input type="text" value="72 - 78"/> | <input type="text" value="62.1"/> | <input type="text" value="30% - 60%"/> | <input type="text" value="508"/> | <input type="text" value="MAX 700 > Ambient"/> | <input type="text"/> |
| 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'"/> | <input type="text" value="Yes"/> | <input type="text" value="No"/> | | <input 1="" ft")"="" sq="" type="text" value("<=""/> | | |
| Walls | <input type="text" value="Drywall"/> | <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="No"/> | HVAC Supply Grills Clean | <input type="text" value="No"/> | HVAC Return Grills Clean | <input type="text" value="Yes"/> |
| Walls Clean | <input type="text" value="Yes"/> | 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="No"/> | 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="No"/> | 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="HVAC system is recessed in drop ceiling"/> | Mechanical Room Clean | <input type="text" value="N/A"/> |
| Filters Installed Properly | <input type="text" value="N/A"/> | Filters Clean | <input type="text" value="N/A"/> |
| Condensate Pan Clean | <input type="text" value="N/A"/> | Cooling Coil Clean | <input type="text" value="N/A"/> |
| | | Inside of HVAC Unit Clean | <input type="text" value="N/A"/> |

| | | | |
|-----------------------------------|---|--------------------------------------|----------------------|
| Fresh Air Intake Location | <input type="text" value="Inside classroom"/> | Fresh Air Intake Free of Obstruction | <input type="text"/> |
| Pollutant Sources Near Air Intake | <input type="text" value="No"/> | | |

Observations

Stain on ceiling tile is located over lab hood

N/A-Not accessible

- Corrective Actions to be Completed by Site Based Staff**
- | | |
|--|---|
| Replace stained ceiling tile after repair | ▼ |
| Classroom is due for a summer cleaning | ▼ |
| Clean HVAC supply grills with Wexcide | ▼ |
| Clean dust from ceiling tiles or replace | ▼ |
| Ensure water is poured down drains regularly | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

- Corrective Actions to be Completed by PPO**
- | | |
|--|---|
| Evaluate and repair cause of stained ceiling tiles | ▼ |
| Evaluate for normal function of exhaust fan | ▼ |
| Repair HVAC to reduce humidity level | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

IAQ Assessment

Nova 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="705"/> | <input type="text" value="79.1"/> | <input type="text" value="72 - 78"/> | <input type="text" value="68.2"/> | <input type="text" value="30% - 60%"/> | <input type="text" value="491"/> | <input type="text" value="MAX 700 > Ambient"/> | <input type="text"/> |
| 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'"/> | | <input type="text" value="Yes"/> | | <input type="text" value="No"/> | | <input 1="" ft")"="" sq="" type="text" value("<=""/> |
| Walls | <input type="text" value="Drywall"/> | | <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="No"/> | HVAC Supply Grills Clean | <input type="text" value="Yes"/> | HVAC Return Grills Clean | <input type="text" value="Yes"/> |
| Walls Clean | <input type="text" value="Yes"/> | 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="Yes"/> | | | | |

| | | | | | |
|----------------|----------------------------------|--|----------------------------------|---|---------------------------------|
| Trash Removed | <input type="text" value="Yes"/> | Exhaust Fans Working | <input type="text" value="No"/> | 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="No"/> | 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="HVAC system is recessed in drop ceiling"/> | Mechanical Room Clean | <input type="text" value="N/A"/> |
| Filters Installed Properly | <input type="text" value="N/A"/> | Filters Clean | <input type="text" value="N/A"/> |
| Condensate Pan Clean | <input type="text" value="N/A"/> | Cooling Coil Clean | <input type="text" value="N/A"/> |
| | | Inside of HVAC Unit Clean | <input type="text" value="N/A"/> |

| | | | |
|-----------------------------------|---|--------------------------------------|----------------------|
| Fresh Air Intake Location | <input type="text" value="Inside classroom"/> | Fresh Air Intake Free of Obstruction | <input type="text"/> |
| Pollutant Sources Near Air Intake | <input type="text" value="No"/> | | |

Observations

| |
|---|
| <input type="text" value="N/A-Not accessible"/> |
| <input type="text"/> |
| <input type="text"/> |
| <input type="text"/> |
| <input type="text"/> |

Corrective Actions to be Completed by Site Based Staff

| | |
|--|--------------------------------|
| Replace stained ceiling tile after repair | <input type="text" value="▼"/> |
| Clean dust from ceiling tiles or replace | <input type="text" value="▼"/> |
| Ensure water is poured down drains regularly | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |

Corrective Actions to be Completed by PPO

| | |
|--|--------------------------------|
| Evaluate and repair cause of stained ceiling tiles | <input type="text" value="▼"/> |
| Evaluate for normal function of exhaust fan | <input type="text" value="▼"/> |
| Repair HVAC to reduce humidity level | <input type="text" value="▼"/> |
| Set temperature to 72 - 78 degrees | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |

IAQ Assessment

Nova 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="706"/> | <input type="text" value="79.1"/> | <input type="text" value="72 - 78"/> | <input type="text" value="66.7"/> | <input type="text" value="30% - 60%"/> | <input type="text" value="443"/> | <input type="text" value="MAX 700 > Ambient"/> | <input type="text"/> |
| 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'"/> | | <input type="text" value="No"/> | | <input type="text" value="No"/> | | <input type="text"/> |
| Walls | <input type="text" value="Drywall"/> | | <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="No"/> | HVAC Supply Grills Clean | <input type="text" value="Yes"/> | HVAC Return Grills Clean | <input type="text" value="Yes"/> |
| Walls Clean | <input type="text" value="Yes"/> | 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="No"/> | 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="No"/> | 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="HVAC system is recessed in drop ceiling"/> | | Mechanical Room Clean | <input type="text" value="N/A"/> | |
| Filters Installed Properly | <input type="text" value="N/A"/> | Filters Clean | <input type="text" value="N/A"/> | Inside of HVAC Unit Clean | <input type="text" value="N/A"/> |
| Condensate Pan Clean | <input type="text" value="N/A"/> | Cooling Coil Clean | <input type="text" value="N/A"/> | | |

| | | | |
|-----------------------------------|---|--------------------------------------|----------------------|
| Fresh Air Intake Location | <input type="text" value="Inside classroom"/> | Fresh Air Intake Free of Obstruction | <input type="text"/> |
| Pollutant Sources Near Air Intake | <input type="text" value="No"/> | | |

Observations

| |
|---|
| <input type="text" value="N/A-Not accessible"/> |
| <input type="text"/> |
| <input type="text"/> |
| <input type="text"/> |
| <input type="text"/> |

Corrective Actions to be Completed by Site Based Staff

| | |
|--|--------------------------------|
| Classroom is due for a summer cleaning | <input type="text" value="▼"/> |
| Clean dust from ceiling tiles or replace | <input type="text" value="▼"/> |
| Ensure water is poured down drains regularly | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |

Corrective Actions to be Completed by PPO

| | |
|---|--------------------------------|
| Evaluate for normal function of exhaust fan | <input type="text" value="▼"/> |
| Repair HVAC to reduce humidity level | <input type="text" value="▼"/> |
| Set temperature to 72 - 78 degrees | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |
| | <input type="text" value="▼"/> |

IAQ Assessment

Nova 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="707"/> | <input type="text" value="78.2"/> | <input type="text" value="72 - 78"/> | <input type="text" value="74.1"/> | <input type="text" value="30% - 60%"/> | <input type="text" value="446"/> | <input type="text" value="MAX 700 > Ambient"/> | <input type="text"/> |
| 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'"/> | | <input type="text" value="Yes"/> | | <input type="text" value="Yes"/> | <input type="text" value="11 ceiling tiles"/> | |
| Walls | <input type="text" value="Drywall"/> | | <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="No"/> | HVAC Supply Grills Clean | | <input type="text" value="No"/> | HVAC Return Grills Clean | |
| Walls Clean | | <input type="text" value="Yes"/> | Inside of Supply Duct Clean | | <input type="text" value="Yes"/> | Inside of Return Duct Clean | |
| Flooring Clean | | <input type="text" value="Yes"/> | Ceiling at Supply Grills Clean | | <input type="text" value="No"/> | | |
| Room Surfaces Clean | | <input type="text" value="Yes"/> | | | | | |
| Trash Removed | | <input type="text" value="Yes"/> | Exhaust Fans Working | | <input type="text" value="No"/> | Unapproved Chemicals / Cleaners in Room | |
| Signs of Pests | | <input type="text" value="No"/> | Drain Traps Wet | | <input type="text" value="No"/> | Air Fresheners in Room | |
| 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="HVAC system is recessed in drop ceiling"/> | | | Mechanical Room Clean | |
| Filters Installed Properly | | <input type="text" value="N/A"/> | Filters Clean | | <input type="text" value="N/A"/> | Inside of HVAC Unit Clean | |
| Condensate Pan Clean | | <input type="text" value="N/A"/> | Cooling Coil Clean | | <input type="text" value="N/A"/> | | |
| Fresh Air Intake Location | | | <input type="text" value="Inside classroom"/> | | | Fresh Air Intake Free of Obstruction | |
| Pollutant Sources Near Air Intake | | | <input type="text" value="No"/> | | | | |

Observations

| | |
|---|--|
| Stained ceiling tiles located throughout classroom | |
| N/A-Not accessible | |
| | |
| | |
| | |

Corrective Actions to be Completed by Site Based Staff

| | |
|--|---|
| Replace stained ceiling tiles after repairs | ▼ |
| Clean HVAC supply grills with Wexcide | ▼ |
| Clean dust from ceiling tiles or replace | ▼ |
| Ensure water is poured down drains regularly | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

Corrective Actions to be Completed by PPO

| | |
|--|---|
| Evaluate and repair cause of stained ceiling tiles | ▼ |
| Evaluate for normal function of exhaust fan | ▼ |
| Repair HVAC to reduce humidity level | ▼ |
| Set temperature to 72 - 78 degrees | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

IAQ Assessment

Nova 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="708A"/> | <input type="text" value="77.5"/> | <input type="text" value="72 - 78"/> | <input type="text" value="79.9"/> | <input type="text" value="30% - 60%"/> | <input type="text" value="431"/> | <input type="text" value="MAX 700 > Ambient"/> | <input type="text"/> |
| 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'"/> | | <input type="text" value="Yes"/> | | <input type="text" value="Yes"/> | <input type="text" value="6 sq ft"/> | |
| Walls | <input type="text" value="Drywall"/> | | <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="No"/> | HVAC Supply Grills Clean | | <input type="text" value="No"/> | HVAC Return Grills Clean | |
| Walls Clean | | <input type="text" value="Yes"/> | Inside of Supply Duct Clean | | <input type="text" value="Yes"/> | Inside of Return Duct Clean | |
| 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="No"/> | Unapproved Chemicals / Cleaners in Room | |
| Signs of Pests | | <input type="text" value="No"/> | Drain Traps Wet | | <input type="text" value="No"/> | Air Fresheners in Room | |
| 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="HVAC system is recessed in drop ceiling"/> | | | Mechanical Room Clean | |
| Filters Installed Properly | | <input type="text" value="N/A"/> | Filters Clean | | <input type="text" value="N/A"/> | Inside of HVAC Unit Clean | |
| Condensate Pan Clean | | <input type="text" value="N/A"/> | Cooling Coil Clean | | <input type="text" value="N/A"/> | | |
| Fresh Air Intake Location | | | <input type="text" value="Inside classroom"/> | | | Fresh Air Intake Free of Obstruction | |
| Pollutant Sources Near Air Intake | | | <input type="text" value="No"/> | | | | |

Observations

| | |
|---|--|
| Stained ceiling tiles located throughout classroom | |
| N/A-Not accessible | |
| | |
| | |
| | |

Corrective Actions to be Completed by Site Based Staff

| | |
|--|---|
| Replace stained ceiling tiles after repair | ▼ |
| Classroom is due for a summer cleaning | ▼ |
| Clean HVAC supply grills with Wexcide | ▼ |
| Clean dust from ceiling tiles or replace | ▼ |
| Ensure water is poured down drains regularly | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

Corrective Actions to be Completed by PPO

| | |
|--|---|
| Evaluate and repair cause of stained ceiling tiles | ▼ |
| Evaluate for normal function of exhaust fan | ▼ |
| Repair HVAC to reduce humidity level | ▼ |
| Set temperature to 72 - 78 degrees | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

IAQ Assessment

Nova 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="709"/> | <input type="text" value="77.1"/> | <input type="text" value="72 - 78"/> | <input type="text" value="76.1"/> | <input type="text" value="30% - 60%"/> | <input type="text" value="429"/> | <input type="text" value="MAX 700 > Ambient"/> | <input type="text"/> |
| 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'"/> | | <input type="text" value="Yes"/> | | <input type="text" value="No"/> | | <input type="text" value="4 sq ft"/> |
| Walls | <input type="text" value="Drywall"/> | | <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="No"/> | HVAC Supply Grills Clean | <input type="text" value="No"/> | HVAC Return Grills Clean | <input type="text" value="Yes"/> |
| Walls Clean | <input type="text" value="Yes"/> | 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="No"/> | Ceiling at Supply Grills Clean | <input type="text" value="No"/> | | |
| Room Surfaces Clean | <input type="text" value="No"/> | | | | |

| | | | | | |
|----------------|---------------------------------|--|----------------------------------|---|---------------------------------|
| Trash Removed | <input type="text" value="No"/> | Exhaust Fans Working | <input type="text" value="No"/> | 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="No"/> | 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="HVAC system is recessed in drop ceiling"/> | Mechanical Room Clean | <input type="text" value="N/A"/> |
| Filters Installed Properly | <input type="text" value="N/A"/> | Filters Clean | <input type="text" value="N/A"/> |
| Condensate Pan Clean | <input type="text" value="N/A"/> | Cooling Coil Clean | <input type="text" value="N/A"/> |
| | | Inside of HVAC Unit Clean | <input type="text" value="N/A"/> |

| | | | |
|-----------------------------------|---|--------------------------------------|----------------------|
| Fresh Air Intake Location | <input type="text" value="Inside classroom"/> | Fresh Air Intake Free of Obstruction | <input type="text"/> |
| Pollutant Sources Near Air Intake | <input type="text" value="No"/> | | |

Observations

Stained ceiling tiles located throughout classroom

N/A-Not accessible

Cork board that is attached to the wall needs to be discarded due to moisture damage.

- Corrective Actions to be Completed by Site Based Staff**
- | | |
|--|---|
| Replace stained ceiling tile after repair | ▼ |
| Classroom is due for a summer cleaning | ▼ |
| Clean HVAC supply grills with Wexcide | ▼ |
| Clean dust from ceiling tiles or replace | ▼ |
| Ensure water is poured down drains regularly | ▼ |
| The floor is due for summer cleaning | ▼ |
| Remove cork board and discard | ▼ |

- Corrective Actions to be Completed by PPO**
- | | |
|--|---|
| Evaluate and repair cause of stained ceiling tiles | ▼ |
| Evaluate for normal function of exhaust fan | ▼ |
| Repair HVAC to reduce humidity level | ▼ |
| Set temperature to 72 - 78 degrees | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

IAQ Assessment

Nova 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="710"/> | <input type="text" value="77.0"/> | <input type="text" value="72 - 78"/> | <input type="text" value="79.9"/> | <input type="text" value="30% - 60%"/> | <input type="text" value="426"/> | <input type="text" value="MAX 700 > Ambient"/> | <input type="text"/> | |
| 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'"/> | | <input type="text" value="No"/> | | <input type="text" value="No"/> | | <input type="text"/> | |
| Walls | <input type="text" value="Drywall"/> | | <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="No"/> | HVAC Supply Grills Clean | | <input type="text" value="Yes"/> | HVAC Return Grills Clean | | <input type="text" value="Yes"/> |
| Walls Clean | | <input type="text" value="Yes"/> | 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="No"/> | Ceiling at Supply Grills Clean | | <input type="text" value="No"/> | | | |
| Room Surfaces Clean | | <input type="text" value="No"/> | | | | | | |
| Trash Removed | | <input type="text" value="No"/> | Exhaust Fans Working | | <input type="text" value="No"/> | 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="No"/> | 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="HVAC system is recessed in drop ceiling"/> | | | Mechanical Room Clean | | <input type="text" value="N/A"/> |
| Filters Installed Properly | | <input type="text" value="N/A"/> | Filters Clean | | <input type="text" value="N/A"/> | Inside of HVAC Unit Clean | | <input type="text" value="N/A"/> |
| Condensate Pan Clean | | <input type="text" value="N/A"/> | Cooling Coil Clean | | <input type="text" value="N/A"/> | | | |
| Fresh Air Intake Location | | | <input type="text" value="Inside classroom"/> | | | Fresh Air Intake Free of Obstruction | | <input type="text"/> |
| Pollutant Sources Near Air Intake | | | <input type="text" value="No"/> | | | | | |

Observations

| |
|--------------------|
| |
| N/A-Not accessible |
| |
| |
| |

Corrective Actions to be Completed by Site Based Staff

| | |
|--|---|
| Clean dust from ceiling tiles or replace | ▼ |
| Classroom is due for a summer cleaning | ▼ |
| Ensure water is poured down drains regularly | ▼ |
| The floor is due for summer cleaning | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

Corrective Actions to be Completed by PPO

| | |
|---|---|
| Evaluate for normal function of exhaust fan | ▼ |
| Repair HVAC to reduce humidity level | ▼ |
| Repair HVAC to Reduce Humidity Levels | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

IAQ Assessment

Nova 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="711"/> | <input type="text" value="76.4"/> | <input type="text" value="72 - 78"/> | <input type="text" value="63.7"/> | <input type="text" value="30% - 60%"/> | <input type="text" value="446"/> | <input type="text" value="MAX 700 > Ambient"/> | <input type="text"/> |
| 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'"/> | | <input type="text" value="No"/> | | <input type="text" value="No"/> | | <input type="text"/> |
| Walls | <input type="text" value="Drywall"/> | | <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="No"/> | HVAC Supply Grills Clean | | <input type="text" value="Yes"/> | HVAC Return Grills Clean <input type="text" value="Yes"/> | |
| Walls Clean | | <input type="text" value="Yes"/> | 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="No"/> | Ceiling at Supply Grills Clean | | <input type="text" value="No"/> | | |
| Room Surfaces Clean | | <input type="text" value="No"/> | | | | | |
| Trash Removed | | <input type="text" value="No"/> | Exhaust Fans Working | | <input type="text" value="No"/> | 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="No"/> | 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="HVAC system is recessed in drop ceiling"/> | | | Mechanical Room Clean <input type="text" value="N/A"/> | |
| Filters Installed Properly | | <input type="text" value="N/A"/> | Filters Clean | | <input type="text" value="N/A"/> | Inside of HVAC Unit Clean <input type="text" value="N/A"/> | |
| Condensate Pan Clean | | <input type="text" value="N/A"/> | Cooling Coil Clean | | <input type="text" value="N/A"/> | | |
| Fresh Air Intake Location | | | <input type="text" value="Inside classroom"/> | | | Fresh Air Intake Free of Obstruction <input type="text"/> | |
| Pollutant Sources Near Air Intake | | | <input type="text" value="No"/> | | | | |

Observations

| |
|--------------------|
| |
| N/A-Not accessible |
| |
| |
| |

Corrective Actions to be Completed by Site Based Staff

| | |
|--|---|
| Clean dust from ceiling tiles or replace | ▼ |
| Classroom is due for a summer cleaning | ▼ |
| Ensure water is poured down drains regularly | ▼ |
| The floor is due for summer cleaning | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

Corrective Actions to be Completed by PPO

| | |
|---|---|
| Evaluate for normal function of exhaust fan | ▼ |
| Repair HVAC to reduce humidity level | ▼ |
| Set temperature to 72 - 78 degrees | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

IAQ Assessment

Nova 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="713"/> | <input type="text" value="77.9"/> | <input type="text" value="72 - 78"/> | <input type="text" value="71.2"/> | <input type="text" value="30% - 60%"/> | <input type="text" value="421"/> | <input type="text" value="MAX 700 > Ambient"/> | <input type="text"/> |
| 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'"/> | | <input type="text" value="Yes"/> | | <input type="text" value="Yes"/> | <input type="text" value="9 sq ft"/> | |
| Walls | <input type="text" value="Drywall"/> | | <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="No"/> | | HVAC Supply Grills Clean | <input type="text" value="No"/> | | HVAC Return Grills Clean | <input type="text" value="Yes"/> |
| Walls Clean | <input type="text" value="Yes"/> | | 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="No"/> | | Ceiling at Supply Grills Clean | <input type="text" value="No"/> | | | |
| Room Surfaces Clean | <input type="text" value="No"/> | | | | | | |
| Trash Removed | <input type="text" value="No"/> | | Exhaust Fans Working | <input type="text" value="No"/> | | 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="No"/> | | 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="HVAC system is recessed in drop ceiling"/> | | | | | Mechanical Room Clean | <input type="text" value="N/A"/> |
| Filters Installed Properly | <input type="text" value="N/A"/> | | Filters Clean | <input type="text" value="N/A"/> | | Inside of HVAC Unit Clean | <input type="text" value="N/A"/> |
| Condensate Pan Clean | <input type="text" value="N/A"/> | | Cooling Coil Clean | <input type="text" value="N/A"/> | | | |
| Fresh Air Intake Location | <input type="text" value="Inside classroom"/> | | | | | Fresh Air Intake Free of Obstruction | <input type="text"/> |
| Pollutant Sources Near Air Intake | <input type="text" value="No"/> | | | | | | |

Observations

Stained ceiling tiles located throughout storage room.

N/A-Not accessible

This room is the material storage room located in the middle of all the classrooms.

Corrective Actions to be Completed by Site Based Staff

| | |
|--|---|
| Replace stained ceiling tile after repair | ▼ |
| Room is due for a summer cleaning | ▼ |
| Clean HVAC supply grills with Wexcide | ▼ |
| Clean dust from ceiling tiles or replace | ▼ |
| Ensure water is poured down drains regularly | ▼ |
| The floor is due for summer cleaning | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |

Corrective Actions to be Completed by PPO

| | |
|--|---|
| Evaluate and repair cause of stained ceiling tiles | ▼ |
| Evaluate for normal function of exhaust fan | ▼ |
| Repair HVAC to reduce humidity level | ▼ |
| Set temperature to 72 - 78 degrees | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |
| | ▼ |