School District of Philadelphia
Office of Environmental Management Services
440 North Broad St.
Philadelphia, PA 19030

Originally Requested by: PFT

Date Inspected: 11/25/15

Inspector Name: Brian Joseph

Company: KEM Partners

Mold Design Data Collection (DDC)

(List each work area location separately) rev. 8/8/13

Date Issued to OEMS: 11/25/15

Photographs Attached: Yes

Sketch(s) Attached:

Name of Building: J.B. Kelly Elementary School

Address: 5116 Pulaski Avenue **ULCS #** 6470

Work Area Location(s): (1) Stage Dressing Room D, (2) Stage Dressing Room C, (3) Storage outside Dressing Room D, (4) Storage outside Dressing Room A

Total Number of Work Locations: 4 **Total Number of Action Items:** 14

Anticipated Project Duration: 8 Man-days

Work Order #:

Work Area Location (1): Stage Dressing Room D **Type of Ventilation:** unit ventilator/windows

Equipment Needed: HEPA Vacuum: ☒ **Air Filtration:** ☒ **Critical Barriers:** ☒ **Ladders:** ☒ **Detergent Solution:** ☒

Encapsulant: ☐ **Dehumidifiers:** N/A **Fans:** N/A

Action Item	Affected Material(s)	Total Quantity	Remediation*	Source of Moisture	Comments/Condition (i.e. dry/wet)
1	Mold growth was observed on sections of the musical instrument cases. Suspect mold growth was observed on the interior lining of the cases.	16 EA	CLN	Active pipe leak and presumed A/C condensation issue during the cooling season	Reference cleaning protocol on page 4
2	Mold growth was observed on fiberglass pipe insulation.	12 LF	RMV, RPL		Remove the impacted fiberglass pipe insulation. Water was observed on the floor below this line, this line may have a slow leak and will need to be evaluated and repaired before it can be re-insulated.
3	Mold growth was observed on the vinyl covered chairs.	2 EA	CLN, or DIS		Either clean or discard the impacted vinyl covered chairs.
4	Non-mold task - General cleaning of contents, i.e. music stands, drums and other non-porous materials.	N/A	CLN		A general cleaning/wet wiping of all non-porous materials should be performed.
5	Non-mold task - General cleaning/disinfecting of surfaces within the room.	200 SF	CLN		A general cleaning/wet wiping of all surfaces should be performed.
6	Non-mold task - Unit Ventilator	1 EA	CLN		The interior and exterior of the unit ventilator should be HEPA vacuumed and wet wiped. The filters should also be replaced.

Size of Work Area: SM ☐ **MED** ☒ **LG** ☐

***Remediation Codes: DRY (dry); CLN (clean); ENP (encapsulate); DIS (discard); RMV (remove); RPL (replace)

Signature: Brian Joseph **Date:** 11/30/15

Work Area Location (2): Stage Dressing Room C **Type of Ventilation:** unit ventilator/windows

Equipment Needed: HEPA Vacuum: ☒ **Air Filtration:** ☒ **Critical Barriers:** ☒ **Ladders:** ☒ **Detergent Solution:** ☒

Encapsulant: ☐ **Dehumidifiers:** N/A **Fans:** N/A

Action Item	Affected Material(s)	Total Quantity	Remediation*	Source of Moisture	Comments/Condition (i.e. dry/wet)
7	Mold growth was observed on fiberglass pipe insulation.	20 LF	RMV, RPL	Presumed A/C condensation issue during the cooling season	Remove and replace the impacted fiberglass pipe insulation.
8	Mold growth was observed on the folding table.	1 EA	CLN, or DIS		Clean the impacted folding table.
9	Non-mold task - General cleaning of contents, i.e. music stands, drums and other non-porous materials.	N/A	CLN		A general cleaning/wet wiping of all non-porous materials should be performed.
10	Non-mold task - General cleaning/disinfecting of surfaces within the room.	200 SF	CLN		A general cleaning/wet wiping of all surfaces should be performed.
11	Non-mold task - Unit Ventilator	1 EA	CLN		The interior and exterior of the unit ventilator should be HEPA vacuumed and wet wiped. The filters should also be replaced.

Size of Work Area: SM ☐ **MED** ☒ **LG** ☐ ***Remediation Codes: DRY (dry); CLN (clean); ENP (encapsulate); DIS (discard); RMV (remove); RPL (replace)

Work Area Location (3): Storage outside Dressing Room D **Type of Ventilation:** N/A

Equipment Needed: HEPA Vacuum: ☒ **Air Filtration:** ☒ **Critical Barriers:** ☒ **Ladders:** ☐ **Detergent Solution:** ☒

Encapsulant: ☐ **Dehumidifiers:** N/A **Fans:** N/A

Action Item	Affected Material(s)	Total Quantity	Remediation*	Source of Moisture	Comments/Condition (i.e. dry/wet)
12	Mold growth was observed inside the student desks in the storage area.	Approx. 40 EA	CLN or DIS	Presumed A/C condensation issue during the cooling season	The impacted student desks should HEPA vacuumed and cleaned or discarded.

Size of Work Area: SM ☐ **MED** ☒ **LG** ☐ ***Remediation Codes: DRY (dry); CLN (clean); ENP (encapsulate); DIS (discard); RMV (remove); RPL (replace)

Work Area Location (4): Storage outside Dressing Room A **Type of Ventilation:** N/A

Equipment Needed: HEPA Vacuum: ☒ **Air Filtration:** ☒ **Critical Barriers:** ☒ **Ladders:** ☐ **Detergent Solution:** ☒

Encapsulant: ☐ **Dehumidifiers:** N/A **Fans:** N/A

Action Item	Affected Material(s)	Total Quantity	Remediation*	Source of Moisture	Comments/Condition (i.e. dry/wet)
13	Mold growth was observed inside the student desks in the storage area.	Approx. 20 EA	CLN or DIS	Presumed A/C condensation issue during the cooling season	The impacted student desks should HEPA vacuumed and cleaned or discarded.
14	Suspect mold growth was observed on the roof drain pipe fitting insulation located at the ceiling.	1 EA	CLN, ENP		The impacted pipe fitting insulation should be cleaned and encapsulated.

Size of Work Area: SM ☐ **MED** ☒ **LG** ☐ ***Remediation Codes: DRY (dry); CLN (clean); ENP (encapsulate); DIS (discard); RMV (remove); RPL (replace)

Musical Instrument Remediation Recommend Cleaning Protocol

The following is a description of the **string instrument** cleaning method:

1. Remove the instrument from the case. HEPA vacuum exterior of instrument. Use an air compressor along with the HEPA vacuum to remove any particulates located on the interior.
2. Using a detergent solution and a damp cloth or soft bristle bush gently clean exterior of instrument. Immediately dry instrument with a soft cloth.
3. Once the instrument has been inspected for cleanliness and approved, wipe exterior with a Murphy's Oil Soap moist towelette.
4. HEPA vacuum the interior fabric and exterior of the case to remove any visible mold growth. Once inspected for cleanliness and approved, wipe both exterior and interior with a Lysol disinfectant wipe.
5. Leave empty case open until interior is completely dry (in staging area with dehumidifier and fans). Insert desiccant packs prior to packing cleaned and dried string instrument and move to the clean area.

The following is a description of the **woodwind band instrument** cleaning method:

1. Remove the instrument from the case. HEPA vacuum exterior of instrument. Use an air compressor along with the HEPA vacuum to remove any particulates located on the interior.
2. Using a detergent solution (or Listerine mouthwash) and a damp cloth or soft bristle bush gently clean exterior of instrument. Immediately dry instrument with a soft cloth.
3. Once the instrument has been inspected for cleanliness and approved, wipe exterior with a Lysol disinfectant moist towelette and apply small amounts of "cork grease" to joint areas containing cork.
4. If instrument case is included, HEPA vacuum the interior fabric and exterior of the case to remove any visible mold growth. Once inspected for cleanliness and approved, wipe both exterior and interior with a Lysol disinfectant wipe.
5. Leave empty case open until interior is completely dry (in staging area with dehumidifier and fans). Insert desiccant packs prior to packing cleaned and dried instrument and move to the clean area.

The following is a description of the **brass band instrument** cleaning method:

1. Remove instrument from case. HEPA vacuum exterior of instrument. Use an air compressor along with the HEPA vacuum to remove any particulates located on the interior.
2. Using distilled white vinegar (or Listerine mouthwash on the mouth pieces) and a damp cloth or soft bristle bush gently clean exterior of instrument. Immediately dry instrument with a soft cloth.
3. Once the instrument has been inspected for cleanliness and approved, wipe exterior with a Lysol disinfectant moist towelette and apply small amounts of "cork grease" to joint areas and lubricating oils on valves or slides.
4. If instrument case is included, HEPA vacuum the interior fabric and exterior of the case to remove any visible mold growth. Once inspected for cleanliness and approved, wipe both exterior and interior with a Lysol disinfectant wipe.
5. Leave empty case open until interior is completely dry (in staging area with dehumidifier and fans). Insert desiccant packs prior to packing cleaned and dried instrument and move to the clean room.

Photo 1 – Dressing Room D
Mold growth was observed on the instrument cases.

Photo 2 – Dressing Room D

Photo 3 – Dressing Room D

Photo 4 – Dressing Room D

Photo 5 – Dressing Room D

Photo 6 – Dressing Room D

Photo 7 – Dressing Room D

Photo 8 – Dressing Room C

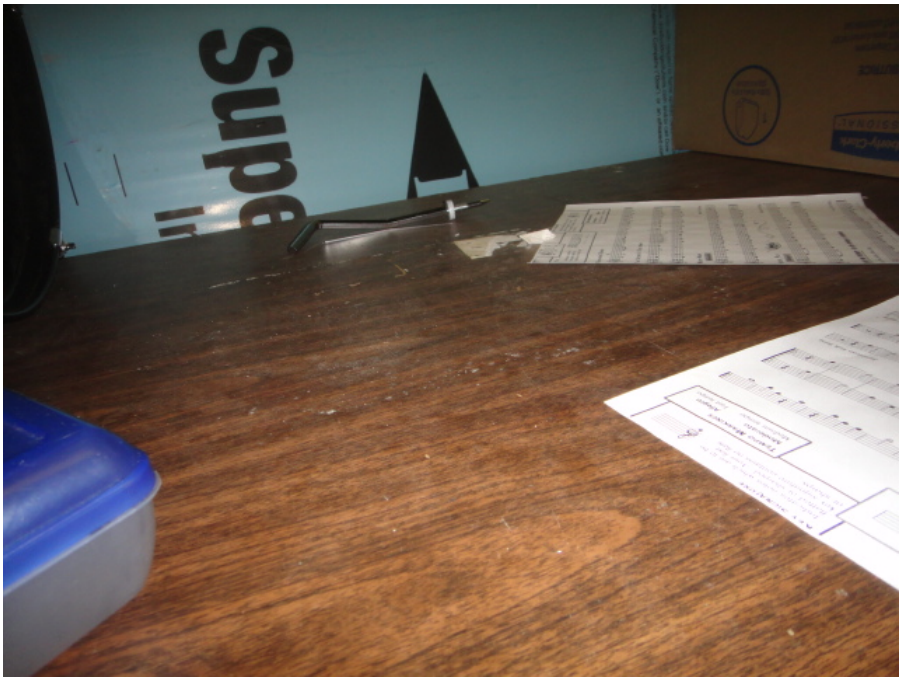

Photo 9 – Dressing Room C

Photo 10 – Dressing Room C

Photo 11– Storage outside Dressing Room D

Photo 12 – Storage outside Dressing Room D

Photo 13 – Storage outside Dressing Room D

Photo 14 – Storage outside Dressing Room A

Photo 15 – Storage outside Dressing Room A