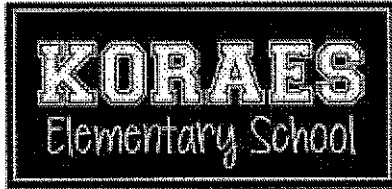


ENVIRONMENTAL SOLUTIONS, INC.

KORAES ELEMENTARY SCHOOL

*11025-45 SOUTH ROBERTS ROAD
PALOS HILLS, ILLINOIS 60465*



3-YEAR ASBESTOS REINSPECTION REPORT
SCHOOL ID # : 14-016-1180-683X

Environmental Solutions, Inc.
PROJECT NO.: 20220085

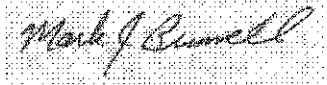
PREPARED FOR:

**MR. TELLY VISVARDIS
KORAES ELEMENTARY SCHOOL
11025-45 SOUTH ROBERTS ROAD
PALOS HILLS, IL 60465**

PREPARED BY:

Environmental Solutions, Inc.
**1136 WEST WOLFRAM STREET, SUITE 1
CHICAGO, ILLINOIS 60657
(773) 883-0750**

www.environmentalsolutionsinc.com

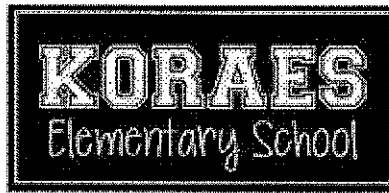


**Mark J. Brumwell
IDPH # 100-06717**

MARCH 1, 2022

ENVIRONMENTAL SOLUTIONS, INC.

KORAES ELEMENTARY SCHOOL
11025-45 South Roberts Road



ASBESTOS THREE-YEAR RE-INSPECTION 2014

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1.0 EXECUTIVE SUMMARY

An asbestos 3-year re-inspection of the Koraes Elementary School building located at 11025-45 South Roberts Road was performed on March 1, 2022 by Mr. Mark Brumwell. In accordance with AHERA and IDPH rules and regulations, this re-inspection was performed to update and provide location, quantity and condition of asbestos containing building materials (ACBM). The previous 3- year re-inspection was performed by TRF Environmental and was dated April 29, 2019.

Koraes Elementary School is a two-story brick building with a full basement. The building contains classrooms, office space, a gymnasium, and a church with approximately 15,000 square feet of interior space.

The Three-year re-inspection provides a comprehensive review of the inventory of suspect asbestos materials identified within the previous three-year re-inspection. Further, this report re-assesses the condition of previously identified friable and non-friable ACBM.

Results of the Three-year re-inspection indicate the following ACBM materials remain at the facility:

- 12" x 12" White Floor Tile and black mastic
- 1' x 1' Ceiling Tile

Materials identified as asbestos containing were found to be in good condition, with little or no damage. No materials were identified that pose an immediate health hazard or restrict the use of the facility if left undisturbed. No additional samples were collected and no additional suspect materials were identified.

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2.0 REPORT BACKGROUND

Environmental Solutions, Inc. performed this Three-year re-inspection to provide location, quantity and condition of friable asbestos containing materials (ACM), and to determine budgetary estimates for the removal of ACM located during this Three-year re-inspection. Areas and materials specifically excluded include roofing materials and components, and unsafe or inaccessible areas.

The Three-year re-inspection was undertaken to provide objective data necessary to determine the impact of asbestos materials on the planned demolition of the structure. It was the intent of the Three-year re-inspection to provide:

- Update the location, quantity and condition of previously identified asbestos containing building materials (ACBM) throughout.

This report has been divided into several sections. The remaining sections include:

- The Methods section provides background information on this project, on the personnel that conducted the Three-year re-inspection, and on the protocols employed.
- The Asbestos Three-year re-inspection Results section presents the data from the bulk sampling in a spreadsheet format. Laboratory methods and sample analysis results are also presented in this section when applicable.
- The Three-year re-inspection Conclusions section interprets the sampling results and addresses special considerations that may be present. Estimates for asbestos removal are also found under this heading.

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3.0 METHODS

Mr. Mark J. Brumwell performed the field portion of the Three-year re-inspection on March 1, 2022.

ESI maintains previous three-year re-inspection reports for the school prepared by Environmental Solutions, Inc. The inspector reviewed the facilities management plan, and other pertinent documents which were available, in order to become familiar with the facility and for use as a guide throughout the re-inspection process. In addition, the inspector met with facility personnel to discuss the facility inspection and to gain access.

Mr. Mark J. Brumwell is an E.P.A certified and IDPH licensed Building Inspector and Management Planner (Illinois Department of Public Health License number 100-06717).

3.1 THREE-YEAR RE-INSPECTION PROTOCOL

At all times during the performance of the Three-year re-inspection, safety was a priority. Due to the emphasis on safety, there were no injuries, there was no building contamination, and there were no asbestos exposures to either Environmental Solutions, Inc. personnel or building occupants.

No additional samples were collected during the Three-year re-inspection. If applicable, any samples collected were taken according to protocol detailed by 40 CFR 763.86 using EPA approved methods specifically designed for sample collection. Samples were taken by inserting an individual aluminum-coring sleeve or tool into the suspect material while simultaneously applying amended water. Samples were immediately placed in pre-numbered sample vials and/or zip-loc baggies. To prevent accidental exposure, sample containers are made of a durable plastic designed to provide an airtight seal.

Suspected asbestos samples were previously analyzed as recommended by the EPA in Test Method document "US EPA 600/M462020, 1982" & "US EPA 600/R-93/118, 1993". This method is commonly known as Polarized Light Microscopy (PLM). Asbestos Containing Materials (ACM) are those materials found to contain greater than 1% asbestos (>1% asbestos) by PLM.

Due to limitations inherent to the PLM analytical method *ESI* recommends submitting representative floor tile samples for analysis via TEM (Transmission Electron Microscopy). Transmission Electron Microscopy is a more definitive analytical method and is recommended by the IDPH and EPA for analysis of floor tile samples.

The scope of the Three-year re-inspection was to evaluate safely accessible suspect components. Environmental Solutions, Inc. personnel made reasonable efforts to evaluate those suspect materials that could be safely accessed and sampled; however, it should be understood that it may be impossible to find all asbestos containing materials.

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3.0 ASBESTOS THREE-YEAR RE-INSPECTION RESULTS

This section provides the necessary information to clarify the magnitude of asbestos found in various materials throughout the buildings.

3.1 SPREADSHEET

The Asbestos Three-year re-inspection spreadsheet for the Koraes Elementary School building at 11025-45 South Roberts Road has been developed from information gathered on site by Environmental Solutions, Inc. personnel. It is formatted to allow for easy asbestos management by room usage/description.

Unless specifically noted, this spreadsheet does NOT include information regarding inaccessible areas and materials which, may or may not be present in those areas. Rooms, spaces, or areas not found on this spreadsheet were not available for inspection or not included in the scope of this inspection.

Key to table references:

AHERA assessment categories: 1-Damaged or significantly damaged TSI ACBM. 2-Damaged friable surfacing ACBM. 3-Significantly damaged friable surfacing ACBM. 4-Damaged or significantly damaged friable miscellaneous ACBM. 5-ACBM with potential for damage. 6-ACBM with potential for significant damage. 7-Any remaining friable ACBM or friable suspected ACBM.

Response Actions key: 1-Isolate area and restrict access. Remove as soon as possible. 2-Continue O&M. Remove as soon as possible or repair and reduce potential for disturbance. 3-Continue O&M. Schedule removal when practical and cost effective, or reduce disturbance. 4-5-Continue O&M. Schedule removal when practical and cost effective, number indicates priority for removal. 6-7-Continue O&M. Take preventative measures to reduce disturbance. Number indicates priority for removal.

*PM (Preventative Measures) & Cleans Key: A-Do not cut, sand, drill, abrade or disturb in any manner which may create dust. B-Additional wet cleans shall be performed by licensed workers whenever friable, visible debris is present. C-Do not hang pictures or other items from walls, ceiling tile or grid. D-Do not move or disturb ceiling tiles in a manner which may create dust. E-Sanding of floor tile or its mastic is prohibited. Stripping of finishes shall be conducted using low abrasion pads at speeds lower than 300 rpm and wet methods. Burnishing or dry buffing may be performed only on flooring which has sufficient finish so that the pad cannot contact the flooring material. F-Do not expose glue or mastic.

ENVIRONMENTAL SOLUTIONS, INC.

Client: Koraes Elementary School **Building:** Koraes Elementary School **Reinspection Date:** March 1, 2022
Conducted By: Environmental Solutions, Inc.
1136 West Wolfram Street, Suite 1 **Inspector Name:** Mark J. Brumwell **Lic. #** 100-06717
Chicago, IL 60657 **Mgmt. Planner Name:** Mark J. Brumwell **Lic. #** 100-06717
ESI Project # 20220085

REINSPECTION FINDINGS OF ACBM	MANAGEMENT PLANNER RECOMMENDATIONS
--------------------------------------	---

HSA	MATERIAL DESCRIPTION	LOCATIONS OF ACBM	FRIABLE YES/NO	ASSESSMENT CATEGORY/CONDITION	PREVIOUS CONDITION	CURRENT CONDITION	RESPONSE ACTION	COMMENTS
HA-1	1' x 1' Hidden Spline Ceiling tile	Principal's office	Yes	7	No Damage	Damaged	4	PM: C, D
HA-2	12" x 12" White Vinyl Floor Tile	Classrooms and hallway. Under gray laminate in hallways	No	7	No Damage	Good	7	PM: A, E, F
HA-3	12" x 12" White Floor Tile Mastic-black	Classrooms and hallway. Under gray laminate in hallways	No	7	No Damage	Good	7	PM: A, E, F
HA-4	Floor Tile Mastic-black	Beneath wood floor in gymnasium	No	7	No Damage	Good	7	PM: A, F

AHERA assessment categories: 1-Damaged or significantly damaged TSI ACBM. 2-Damaged friable surfacing ACBM. 3-Significantly damaged friable surfacing ACBM. 4-Damaged or significantly damaged friable miscellaneous ACBM. 5-ACBM with potential for damage. 6-ACBM with potential for significant damage. 7-Any remaining friable ACBM or friable suspected ACBM.

Response Actions Key: 1-Isolate area and restrict access. Remove as soon as possible. 2-Continue O&M. Remove as soon as possible or repair and reduce potential for disturbance. 3-Continue O&M. Schedule removal when practical and cost effective, or reduce disturbance. 4-5-Continue O&M. Schedule removal when practical and cost effective, number indicates priority for removal. 6-7-Continue O&M. Take preventative measures to reduce disturbance. Number indicates priority for removal.

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4.0 THREE-YEAR RE-INSPECTION CONCLUSIONS

4.1 DISCUSSION

Environmental Solutions, Inc. has arrived at the following conclusions based on the following information: laboratory results of materials sampled, site observations, and information provided from the current building owner.

The following summarizes the asbestos containing materials found:

- White 12" x 12" Floor Tile
- Floor tile mastic- black
- 1' x 1' hidden spline ceiling tile

Environmental Solutions, Inc., recommends continuing the O&M program and to remove, with a licensed contractor, any asbestos material prior to renovation or demolition according to all IDPH rules and regulations.

This re-inspection was intended to address the potential existence of asbestos containing building materials within the facility and did not attempt to identify or address any other environmental or health hazards. The scope of work did not include identifying all potential concerns or eliminate all possible risks. **Environmental Solutions, Inc.**, makes no warranty, expressed or implied.

If you have any questions or concerns regarding this report feel free to contact me at:

Environmental Solutions, Inc.
www.environmentalsolutionsinc.com
(773) 883-0750.

Asbestos Containing Materials should never be disturbed or removed by personnel without appropriate training and licenses. Disturbance, repairs, and/or removal should be performed by qualified and Illinois Department of Public Health licensed asbestos removal contractor prior to demolition or renovation.

It is *Environmental Solutions, Inc.*'s intention that Koras Elementary School uses this report for a safe and informed asbestos management program. No warranty is expressed or implied.

Due to the sampling protocol promulgated under AHERA (40 CFR 763), it is advised that prior to any renovation or abatement project, Quality Control samples be collected of materials to be removed or disturbed are confirmed as ACBM. Serious hazards discovered during the Three-year re-inspection were brought to the attention of the LEA. It should be noted that conditions do change, and that materials constantly degrade.

In order to ensure safe and thorough asbestos removal is performed, the property owner may wish to retain an independent, licensed asbestos professional to review asbestos abatement activities and completed work.

If there are any questions regarding this report, or if any additional information is required, please contact ESI at your convenience.

ENVIRONMENTAL SOLUTIONS, INC.

5.0 CERTIFICATIONS



525-535 West Jefferson Street • Springfield, Illinois 62761-0601 • www.doh.illinois.gov



MARK BRUMWELL
1136 W WOLFRAM ST, STE. 1
CHICAGO, IL 60657

5/26/2021

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 06717

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License			Back of License	
 ASBESTOS PROFESSIONAL LICENSE			ENDORSEMENTS	TC EXPIRES
ID NUMBER 100 - 06717	ISSUED 5/26/2021	EXPIRES 05/15/2022	INSPECTOR 2/28/22	
MARK BRUMWELL 1136 W WOLFRAM ST, STE. 1 CHICAGO, IL 60657 Environmental Health			MANAGEMENT PLANNER PROJECT MANAGER	5/21/2022 3/13/2022
			Alteration of this license shall result in legal action This license issued under authority of the State of Illinois Department of Public Health This license is valid only when accompanied by a valid training course certificate.	

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is: dph.illinois.gov/topics-services/environmental-health-protection/asbestos
EMAIL Address: dph.asbestos@illinois.gov

PROTECTING HEALTH. IMPROVING LIVES
Nationally Accredited by NAB

**ILLINOIS DEPARTMENT OF PUBLIC HEALTH
AHERA THREE YEAR REINSPECTION
ASBESTOS ABATEMENT PROGRAM
SCHOOL INFORMATION FORM**

SECTION I

SCHOOL ID NUMBER: 14-016-1180-683X
SCHOOL NAME: KORAES ELEMENTARY SCHOOL
ADDRESS OF SCHOOL: 11025-45 S ROBERTS
CITY: PALOS HILLS, IL 60465

DATE LAST THREE YEAR REINSPECTION WAS COMPLETE 4/30/2019

If the address on this form is different than the address of the building, submit a written explanation.

SECTION II (Please type or print)

PLEASE COMPLETE THE FOLLOWING FOR YOUR THREE YEAR REINSPECTION:

DATE REINSPECTION COMPLETED: 3/1/2022 ENROLLMENT _____
IDPH INSPECTOR LICENSE NUMBER: 100-6717
IDPH LICENSED INSPECTOR NAME: Mark J. Brumwell
IDPH MP LICENSE NUMBER: 100-06717
IDPH LICENSED MANAGEMENT PLANNER NAME: Mark J. Brumwell

DESIGNATED PERSON: Father Tom DeMedellos PHONE (708) 974-3400

Fa. Tom De Medellos 3/2/2022
Signature of Designated Person Date

SECTION III

PLEASE COMPLETE THE FOLLOWING INFORMATION FOR ANY CHANGES WITHIN THE SCHOOL DISTRICT.

School building has been sold. Date of Sale: N/A
School has been closed. Date closed: N/A
School building has been demolished. Date: N/A
School building is asbestos free since last reinspection: N/A

Please explain in writing why the school building is now asbestos free and include the supporting documentation.

If a new school building has been added to the district, submit either an exclusionary statement or a management plan and inspection report. Include the complete name, address and city of school building.

Explain in writing if the address of the building is different than the address on this form: