



DATE: January 5, 2021  
TO: Township Board Members  
FROM: Dr. William Northway  
Tom Kucera  
SUBJECT: ASBESTOS TESTING RESULTS

Otwell Mawby, P.C. submitted their Asbestos Inspection Report on December 31, 2020 based on their inspection of Township Hall.

Three areas were found to have some Asbestos Containing Building Materials (ACBMs) that pose NO RISK to day-to-day occupancy or operation of the building. Specifically, the areas are:

Sample Number	Sampling Location	Material Description	Analysis Result
14A	Basement, Furnace Rm, Floor	Tile – 9x9 Brown	7% Chrysotile**
14B	Basement, Furnace Rm, Exterior Wall	Glue under insulation panels	5% Chrysotile**
17A	Basement, Sink in countertop	Black undercoating	4% Chrysotile**

The complete results of Otwell Mawby’s sampling is summarized on the attached 3 pages that describe the location of and the laboratory analysis of each sample. Seventeen (17) locations were identified by Otwell Mawby as potential ABCM sites, which were sampled. From these 17 samples, 32 suspect ACBMs were analyzed.

Otwell Mawby notes that one other location, the caulking on the two windows in the ADA ramp foyer, showed signs of ABCMs. The sample numbers are 5A & 5B in the attached 3-page summary. Per Otwell Mawby, the caulking contains a “trace amount (<1%) of asbestos.”

“Based on the trace amounts (<1%) of chrysotile\*\* asbestos, the material does not meet the definition of an ACBM under the NESHAP\*\*\*, however, MIOSHA defines the material as being asbestos contaminated.”

In the Summary / Recommendations section of Otwell Mawby’s report, they state:

“Prior to the commencement of [any] planned select demolition/renovation activities, Otwell Mawby recommends the ACBMs be removed by a qualified and licensed asbestos abatement professional following all applicable local, state, and federal laws prior to their disturbance.”

Since NO renovation or demolition is currently planned for these areas, the presence of ACBMs poses NO risk to building occupancy. If or when demolition or renovation of these areas is contemplated, removal of the identified ACBMs should be made a part of the demolition/renovation contractor’s scope of work.

Based on the conclusions and recommendations in the Otwell Mawby report, it would appear that NO FURTHER ACTION need be taken. Does the Board agree?

\*\* **Chrysotile** or **white asbestos** is the most commonly encountered form of asbestos accounting for approximately 95% of the asbestos mineral used in the United States

\*\*\***NESHAP**: The EPA standard that regulates asbestos visible emissions to the outside air as well as disposal of friable asbestos waste from renovation/ demolition projects

**Client:** Otwell Mawby PC

**Client Project:** 20-390

**Job Number:** 00008-B2020-0612

**Date Reported:** 12/30/2020

**METHOD:** EPA-600/R-93/116

**Location:** Crystal Lake Twp.

Client Sample ID	Layer	Color		Sample Description	ASBESTOS %
1A	NA	White / Tan	Ceiling Tile	Board Room Ceiling	None Detected
1B	NA	White / Tan	Ceiling Tile	Board Room Ceiling	None Detected
2A	NA	Tan	Carpet Mastic	Board Room Floor	None Detected
2B	NA	Tan	Carpet Mastic	Board Room Floor	None Detected
3A	NA	White / Brown	Drywall	NE Office Wall	None Detected
3B	NA	White / Brown	Drywall	Ramp Entrance Wall	None Detected
4A	NA	Gray	Glue	NE Office Wall	None Detected
4B	NA	Gray	Glue	Ramp Entrance Wall	None Detected
5A	NA	Off White	Glazing	Ramp Entrance Interior Wall Window	<1% Chrysotile Asbestos
5B	NA	Off White	Glazing	Ramp Entrance Interior Wall Window	<1% Chrysotile Asbestos
6A	NA	White / Brown	Ceiling Tile	Ramp Entrance Ceiling	None Detected
6B	NA	White / Brown	Ceiling Tile	Ramp Entrance Ceiling	None Detected

## Asbestos Report Summary

By: POLARIZED LIGHT MICROSCOPY

Client: Otwell Mawby PC

Job Number: 00008-B2020-0612

Client Project: 20-390

Date Reported: 12/30/2020

**METHOD:** EPA-600/R-93/116

**Location:** Crystal Lake Twp.

Client Sample ID	Layer	Color		Sample Description	ASBESTOS %
7A	1	Tan	Linoleum	Bathroom Floor	None Detected
7A	2	Yellow	Mastic	Bathroom Floor	None Detected
7B	1	Tan	Linoleum	Bathroom Floor	None Detected
7B	2	Yellow	Mastic	Bathroom Floor	None Detected
8A	NA	White / Brown	Drywall	West Hall Wall	None Detected
8B	NA	White / Brown	Drywall	West Closet Wall	None Detected
9A	NA	Gray	Glue	West Hall Wall	None Detected
9B	NA	Gray	Glue	West Closet Wall	None Detected
10A	NA	Tan	Cove Base	Bathroom Edge of Floor	None Detected
10B	NA	Tan	Cove Base	Bathroom Edge of Floor	None Detected
11A	NA	Gray	Glue	Bathroom Edge of Floor	None Detected
11B	NA	Gray	Glue	Bathroom Edge of Floor	None Detected

**Asbestos Report Summary**

By: POLARIZED LIGHT MICROSCOPY

Client: Otwell Mawby PC

Client Project: 20-390

Job Number: 00008-B2020-0612

Date Reported: 12/30/2020

**METHOD:** EPA-600/R-93/116

**Location:** Crystal Lake Twp.

Client Sample ID	Layer	Color		Sample Description	ASBESTOS %
12A	NA	White / Brown	Ceiling Tile	Basement Stairway	None Detected
12B	NA	White / Brown	Ceiling Tile	Basement Stairway	None Detected
13A	NA	Black	Mastic	Basement Floor	None Detected
13B	NA	Black	Mastic	Basement Floor	None Detected
14A	NA	Brown	Floor Tile	Basement Furnace Area Floor	7% Chrysotile Asbestos
15A	NA	Gray	Glue	Basement Wall by Fuse Box	None Detected
16A	NA	Black	Glue	Basement Wall by Furnace	5% Chrysotile Asbestos
17A	NA	Black	Sink Undercoating	Basement Sink	4% Chrysotile Asbestos
15B	NA	Gray	Glue	Basement Wall	None Detected