

JD Environmental LLC
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Date: April 2, 2016
Client: Trumbull Board of Ed
Location: 536 Daniels Farm Rd, Trumbull, CT
Purpose: Pre Renovation Asbestos Inspection

1.0 Introduction

On March 22, 2016, a licensed asbestos inspector employed by JD Environmental LLC, inspected the building scheduled for demolition located at 536 Daniels Farm Rd, Trumbull, CT. This inspection was conducted to comply with EPA NESHAP regulations, which mandates the complete removal of asbestos containing materials, which could be impacted by the building's renovation.

2.0 Existing Conditions

The school roof system is being removed and replaced. The roof system has a rubber membrane on top of yellow insulation and tared to metal deck.

3.0 Asbestos containing Materials

On Mar 22, 2016, a State of Connecticut licensed asbestos inspector was dispatched to the site to performed an asbestos inspection. During the visual and sampling process, suspect ACM was separated into three U.S. EPA categories. These categories are: Thermal Systems Insulation, Surfacing ACM and miscellaneous ACM. While performing the inspection, the inspector identified areas where representative samples of suspect ACM were identified and collected. The areas identified correspond to any identified and observed during the on site investigation. 13 samples were collected from homogeneous areas that existed with at 536 Daniels Farm Rd, Trumbull, CT

Results are tabled below.

All bulk samples were delivered to an independent laboratory "Carolina Environmental Inc. or Environmental Hazards Services" for analysis. CEI and EHS will determine the content of asbestos using the EPA –endorsed Polarized Light Microscopy. CEI and EHS is a Connecticut Certified Public Health Laboratory for Asbestos and is national accredited by NIST and NVLAP. All ACM is quantities identified of ACM confirmed by bulk sample analysis are listed in the following sections of this report. Samples were collected in a manner sufficient to determine asbestos content, by Polarized Light Microscopy (PLM).

4.0 Discussion

Sample analyses results are reported in percentages of asbestos and non-asbestos components. The U.S. EPA defines any material that contains in excess of 1% of asbestos utilizing PLM as being asbestos-containing materials. Any materials that were found to contain asbestos in percentages less than 1% were further analyzed by the point counting. This method is accepted as providing statistically reliable results when concentrations are found to contain less than 1% by the point counting methods, then these samples are also determined to be non- asbestos containing.

4.1 Asbestos Containing Materials

The materials were confirmed to be asbestos building materials at 536 Daniels Farm Rd, Trumbull, CT

Location	Description	Amount

*Abatement contractor to field verify the amount for estimating the project and for notification to the state.

4.2 Non- Asbestos Containing Materials

The materials were confirmed not to be asbestos building materials at 536 Daniels Farm Rd, Trumbull, CT

Location	Description
Seams	Tar
Girls locker room	Tar and insulation
Gym roof	White layers and insulation
Roof near chimney	Tar and insulation
Café roof	Tar and insulation
Gravel roof	Top layers
Gravel roof	Insulation
Gravel roof	Felt

** structure is to be demolished using excavator

5.0 Conclusion

All asbestos containing building materials identified above must be removed from the structure prior to demolition. A State of Connecticut licensed abatement contractor must be retained to perform any abatement work. Visual inspection of the abatement areas by a State of Connecticut licensed Asbestos Project Monitor is required at the completion of the abatement work. If the residence is to be re-occupied for any reason, then a PCM or TEM Clearance is required.

All roofing materials were cored for sample testing and analysis is negative.

Respectively Submitted,

Janet Dorr

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