

# *MAC Services, LLC*

*Environmental Specialist*

November 11, 2015

VA Boston Health Care System  
150 South Huntington Avenue  
Jamaica-Plain, MA 02130  
Attention: Amanda Furtado

**Re: Settled dust sampling for asbestos content determination at the Jamaica-Plain VA Hospital located at 150 South Huntington Avenue in Jamaica-Plain, MA, Building 1, sub-basement. NONE DETECTED RESULTS**

## **Scope of Work**

As you requested, on November 6, 2015, MAC Services, LLC (MAC) conducted bulk sampling of settled dust in the Sub-Basement level hallway of Building No. 1, for the purpose of detecting asbestos content. It was conducted by Joseph Cooney, a MA licensed Asbestos Monitor (AM000071) and Inspector (AI000187). The samples were acquired using a low volume pump to suck settled dust onto the PCM cassette media, otherwise referred to as 'micro-vac' technique sampling. This is a standard practice in the Industry for acquiring bulk samples of settled dust. The hallway areas of E-Wing, D-Wing, A-Core, Elevator lobby area and C-Wing were broken into a grid pattern consisting of ten (10) sections, equal in size (see attached diagram). A grid pattern approach to sample locations is used so that sample results can be tracked in a methodical manner within the areas. The micro-vac method of acquiring the bulk sample was used in various spots randomly within each grid for the sample representing each specific grid.

It is my understanding that the sampling was requested due to worker safety concerns. This report was prepared for the exclusive use of the VA Boston Health Care System and is not intended for any other purpose.

The bulk samples were sent to Asbestos Identification Labs located in Woburn, MA which is a NVLAP accredited and MA Licensed Laboratory for PLM (Polarized Light Microscope) analysis (Method EPA/600/R93/116). Any samples that have PLM results greater than 1% asbestos content are considered to be asbestos containing.

## **Observations**

The spaces subject to sampling were the hallway areas that go through the entire sub-basement level (approximately 5,000 Square Feet (SF) in size. The flooring was covered with 12" x 12" floor tile throughout. There were sections that were bordered by dirt floor crawl spaces, particularly in E-Wing and D-Wing. The areas of sampling were also bordered by spaces that were used for storage of various furnishings and appliances. Most

but not all areas were visibly clear of dust and debris. The south end of D-Wing did have some visible debris on it.

**Please see attached drawing for grid sections clarification and specific areas that samples were acquired.**

**Conclusion**

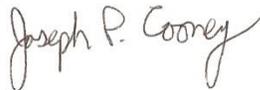
EPA regulations state that materials with PLM analysis resulting in 1% or greater content are considered to be 'asbestos containing'. *Results for all ten (10) samples obtained for settled dust as outlined in this document were Non-detected for asbestos content. (Please see Laboratory results attached).*

**Recommendation**

Continue to adhere to all Federal and State Regulations when managing asbestos related matters.

Please call me at (508)789-0983 with any questions or further clarifications of this report you may need.

Regards,

A handwritten signature in cursive script that reads "Joseph P. Cooney".

Joseph Cooney  
MAC Services, LLC