## Levins, Gregory (DEP)

**From:** Glenn Nelson [gnelson@smithwessel.com]
**Sent:** Tuesday, October 06, 2015 10:53 AM
**To:** Levins, Gregory (DEP)
**Cc:** 'Michael Doherty' (MPD1@dcdclaw.com); Walter Mahla (walt@35pearl.com); Don Anglehart (don@anglehart.com)
**Subject:** Ambient Air test report 35 Pearl Street, Webster, MA
**Attachments:** 15268 35 Pearl Street, Webster, MA Ambient Air Testing 10-5-15.pdf

Good morning Greg,

Attached is report detailing our ambient air testing to date at 35 Pearl Street. We were most recently on-site on October 2. To date we have not realized any elevated airborne fiber concentrations.

Please call with any questions or comments.

Regards,

**Glenn Nelson**
Operations Manager
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**SMITH & WESSEL ASSOCIATES, INC.**
*HAZARDOUS BUILDING MATERIALS AND AIR QUALITY SPECIALISTS*

October 5, 2015

35 Pearl Street LLC
75 Quaker Highway
Uxbridge, MA 01569
c/o Mr. Walter Mahla

RE: Ambient Air Sampling at Mill site 35 Pearl Street, Webster, MA

Dear Mr. Mahla:

SWA's Massachusetts licensed Project Monitors, Asa Fayard, Michael Carrigian and Richard Salvatelli were on site to conduct ambient air testing at 35 Pearl Street in Webster Massachusetts. On June 25, 2015, there was a fire at the mill site that caused significant damage to the structures on the parcel. Because it is known that there were asbestos-containing building materials in some of the structures, periodic air testing has been conducted to determine if there are elevated airborne fiber concentrations in the ambient air. SWA collected the ambient air samples at the perimeter security fence at all elevations on July 13, August 8 and October 2, 2015.

All ambient air samples were collected onto mixed cellulose ester filters (0.8 micron pore size) in three-piece 25-millimeter (mm) cassettes aligned open-faced. The cassettes were tilted downward at a 45° angle and placed between three and four feet above the floor. Air was drawn through the cassettes via the use of high-volume sampling pumps. Immediately before and after the sampling periods, the sampling flow rates were calibrated using a precision rotameter.

All ambient air samples were analyzed off-site via phase contrast microscopy (PCM) in accordance with National Institute of Occupational Safety and Health (NIOSH) 7400 Method, A counting rules. SWA utilized the Olympus optical microscope at 400x magnification to analyze the samples. The PCM method determines the total concentration of all fibers (not exclusively asbestos) that exhibit a length to width ratio of three to one and that are at least five microns in length.

All ambient air test results were compared to the Massachusetts Department of Labor Standards (MA DLS) criteria of 0.01 fibers per cubic centimeter of air (0.01 f/cc) following an asbestos abatement project. Although no abatement occurred at this site, the strict standard of 0.01 f/cc was used as a measure of comparison. The PCM results of all ambient air samples collected at the site have been well under the 0.01 f/cc indicating that

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no elevated airborne fiber concentrations have been identified during the said test periods (see attached PCM results).

If you have any questions regarding this report, please do not hesitate to call me at your earliest convenience.

Respectfully submitted,
***Smith & Wessel Associates, Inc.***

Glenn Nelson
Operations Manager

Enclosure

| Air Monitoring Results for Total Fiber Concentration<br>35 Pearl Street<br>Webster, MA | | | | | |
|---|---|---|---|---|---|
| **Sample No.** | **Date** | **Sampling Period** | **Volume (liters)** | **Description/Location** | **Result (fibers/cc)** |
| 1. | 7/13/15 | NA | NA | Quality Control Field Blank. | 0 fibers/ 100 fields |
| 2. | 7/13/15 | 11:47 a.m. to 1:49 p.m. | 1200 | Ambient air sample at south gate entrance | <0.04 |
| 3. | 7/13/15 | 11:50 a.m. to 1:51 p.m. | 1210 | Ambient air sample at south fence line across from Pearl Street | 0.005 |
| 4. | 7/13/15 | 11:52 a.m. to 1:53 p.m. | 1210 | Ambient air sample at southeast corner across from playground | <0.004 |
| 5. | 7/13/15 | 11:55 a.m. to 1:59 p.m. | 1220 | Ambient air sample at east gate across from playground | <0.004 |
| 6. | 7/13/15 | 2:07 p.m. to 4:09 p.m. | 1220 | Ambient air sample at north gate at entrance | 0.004 |
| 7. | 7/13/15 | 2:10 p.m. to 4:11 p.m. | 1210 | Ambient air sample at railroad crossing | <0.004 |
| 8. | 7/13/15 | 2:13 p.m. to 4:15 p.m. | 1220 | Ambient air sample west fence line alongt railroad | <0.004 |
| 9. | 8/8/15 | 7:06 a.m. to 9:15 a.m. | 1,290 | Ambient air sample, north corner of site just outside construction fence | <0.003 |

| Air Monitoring Results for Total Fiber Concentration<br>35 Pearl Street<br>Webster, MA | | | | | |
|---|---|---|---|---|---|
| **Sample No.** | **Date** | **Sampling Period** | **Volume (liters)** | **Description/Location** | **Result (fibers/cc)** |
| 10. | 8/8/15 | 7:10 a.m. to 9:19 a.m. | 1,290 | Ambient air sample, west side of site just outside construction fence | <0.003 |
| 11. | 8/8/15 | 9:31 a.m. to 11:32 a.m. | 1,210 | Ambient air sample, south corner of site just outside construction fence | <0.004 |
| 12. | 8/8/15 | 9:35 a.m. to 11:37 a.m. | 1,210 | Ambient air sample, Pearl Street side of site just outside construction fence | <0.004 |
| 13. | 8/8/15 | NA | NA | Quality Control Field Blank. | 0 fibers/ 100 fields |
| 14. | 10/2/15 | 11:50 a.m. to 1:30 p.m. | 1,200 | Ambient air sample, southeast corner of site just outside construction fence | <0.004 |
| 15. | 10/2/15 | 11:58 a.m. to 1:38 p.m. | 1,200 | Ambient air sample, east side of site just outside construction fence (Downwind) | <0.004 |
| 16. | 10/2/15 | 1:47 p.m. to 3:27 p.m. | 1,200 | Ambient air sample, north side of site just outside construction fence | <0.004 |
| 17. | 10/2/15 | 1:53 p.m. to 3:33 p.m. | 1,200 | Ambient air sample, northwest side of site adjacent to standing building | <0.004 |
| 18. | 10/2/15 | NA | NA | Quality Control Field Blank. | 0 fibers/ 100 fields |