

# **A & A Environmental, Inc.**

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*N4381 US Hwy 51, Poynette, WI 53955*

*Phone: (608) 240-1511, Mobile Phone: (608) 576-4960, Fax: (608) 635-9717*

## **REVISED RESULTS**

November 9, 2016

Mr. David Schaller  
City of Madison  
215 Martin Luther King Jr. Blvd, Room 115  
Madison, WI 53703  
(608) 243-5891, Fax (608) 264-9275

RE: 1301 W. Badger Road, Madison, WI 53713

On December 30, 2015 and June 20, 2016 an asbestos inspection for renovation and a visual inspection for mercury thermostats and florescent light bulbs that may contain mercury were completed on the commercial building located at 1301 W. Badger Road in Madison, WI.

### **Asbestos Inspection**

Bulk samples were collected and analyzed for asbestos content by polarized light microscopy (PLM). The following materials were reported > 1% asbestos or are assumed to contain friable asbestos (RACM) or asbestos that will become friable during renovation. These materials must be properly removed prior to renovation if being disturbed.

1. Insulating cement on fittings throughout the building. There are 174 above the ceilings or in the warehouse and 45 assumed in the wall – 219 Lin Ft, Samples 3, 32, and 43.
2. Transite chimney, 18-24” OD – 18 Lin Ft, Sample 31
3. Yellow carpet mastic in office area – 1,312 Sq Ft (quantity required verification), Sample 28
4. Window glazing on seven metal framed windows in office area – 7 Sq Ft, Samples 45 and 46

The following building materials tested < 1% asbestos by PLM 400 point count or >1% asbestos in good condition. **These materials may not be recycled.**

1. Drywall compound in counter area 2% composited and point counted < 1% asbestos – 2,832 Sq Ft of effected area, Sample 36.
2. 9 x 9 floor tile and black mastic in office entry – 40 Sq Ft, office to country entry – 48 Sq Ft, and counter area – 1,152 Sq Ft, Samples 24, 25, 26, and 27
3. Window frame caulking on seven metal framed windows in the office area – 7 Sq Ft, Samples 47 and 48
4. Interior and exterior entry door frame to office caulking – 4 Sq Ft, Sample 54
5. Door frame caulking on the exterior door going into the counter areas and the exterior door going from the warehouse going south. Both doors are caulked on the interior and exterior – 4 Sq Ft, Sample 44. The south door leading from the warehouse was not bulk sampled, the caulk was assumed to contain ACM.

### **Additional Sampling June 20, 2016**

On June 20, 2016 additional bulk samples were collected from the ceramic wall tile grout/thin set and ceramic floor tile grout/thin set. The materials are located in the bathroom that will become the new men's shower area and the existing men's bathroom, women's bathroom, and utility room at the 1301 West Badger Road library facility. These areas were not sampled during the initial limited inspection as the areas were not going to be disturbed.

The bulk samples collected were analyzed for asbestos by polarized light microscopy (PLM). All samples were reported as no asbestos detected.

Limited Lead Sampling – the ceramic tiles throughout the bathrooms were checked for lead using a Niton XLP 300 XRF paint analyzer.

The ceramic floor and wall tiles in the bathroom that will become the new men's shower were reported > 0.7 Mg/Cm<sup>2</sup>. When disturbed these wall and floor tiles may not be recycled.

Other readings in the utility room and men's bathroom were reported < 0.7 Mg/Cm<sup>2</sup> and may be recycled.

The following building materials were bulk sampled and reported as **no asbestos detected**:

1. Yellow carpet mastic in breakroom – Sample 17
2. Base cove
3. Base cove mastic
4. Window glazing on interior office windows
5. Window glazing on interior windows in doors
6. Drywall in office area
7. Drywall compound in office area
8. Duct sealer on heating system
9. Gray sink mastic
10. 12 x 12 floor tile in breakroom and computer room
11. Black floor tile mastic in breakroom and computer room
12. Green carpet mastic in breakroom
13. 2 x 2 ceiling tiles in bathroom
14. 2 x 4 ceiling tiles throughout the office
15. Ceiling material in boiler room
16. Interior window glazing in office area
17. Cement refractory around the transite chimney
18. Flex joints on ductwork
19. Drywall on east wall of warehouse to office area
20. Drywall compound on east wall of warehouse to office area
21. Expansion joint material on warehouse floor
22. Yellow paint on warehouse floor
23. Exterior expansion joint caulking on block walls
24. Exterior caulking on crack in cement in block walls
25. Exterior cream colored paint
26. Black tar on foundation (may be black top coating)

Please note: During the site visit on December 30, 2015 I was advised by Chuck Bowe, City of Madison Library Maintenance Supervisor that the roof had been previously sampled and the bathrooms may not be remodeled. These areas are not included in this asbestos survey however the bathrooms were included in the XRF sampling for lead.

**Other Potentially Hazardous Materials**

- 0 Mercury thermostats
- 570 Fluorescent light bulbs
- 4 HID bulb
- 1 CFL bulb
- 7 Exit lights
- 3 Water coolers
- 2 Central air conditioning units

**Building Information:**

16,500 Total Sq Ft

1 Building

0 Living Units

54 Years Old

1 Story

A&A Environmental Inc.'s inspectors are only able to inspect open, safe, and accessible areas inside and outside of the building. Inaccessible suspect material may be hidden throughout this building. Any additional suspect materials discovered during the course of abatement/demolition/remodeling must be assumed to be ACM until sampled by and EPA/State of Wisconsin certified asbestos inspector and proven negative.

If you have any questions concerning this report or the sampling performed please feel free to contact me.

Sincerely,



Kim Sopha

President/Inspector #AII01851

Encl

KAS/bls