November 1st, 2007

REPORT: Full Building Survey

TO: George Mahowald
CPPM Small and Mid-Range Projects
B15 Donhowe Bldg
319 15th Ave SE
Minneapolis, MN 55455

FROM: Brianne Young
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SUBJECT: Full Asbestos and Limited Lead Material Survey –
1901 University Ave
Minneapolis, MN 55455
FM Project No.: 093-07-1374

Scope of Work: A full building asbestos survey and a limited building lead material survey were conducted on October 29th, 2007 at 1901 University Ave. The purpose of this survey was to identify asbestos-containing materials (ACM) as defined by the Environmental Protection Agency (EPA). Any material that is greater than 1% asbestos is considered to be ACM. The intent of the survey was to identify both friable and non-friable suspect ACM, identify non-friable ACM that may become friable under demolition or renovation conditions.

Facilities Management Hazardous Material Program (FM-HMP) also performed an XRF Spectrum Analyzer test for lead based paint on suspect lead-containing paint.

Project Description Asbestos: On October 29th, 2007 Ten (10) suspect ACM samples were collected on-site and analyzed via polarized light microscopy (PLM) for asbestos content. Samples were also collected and analyzed as part of an asbestos building survey performed in June 2000, June 2004, November 2005 and April 2007. FM-HMP verified the materials currently located in the space to be consistent with the surveys. Results of asbestos analyses are listed in Appendix I of this report. Appendix I is formatted to provide a room by room inventory of suspect ACM, the asbestos content of each material listed, and friability. EPA and Minnesota Department of Health (MDH) Asbestos Rules regulate friable ACM (material that can be reduced to powder or dust under hand pressure) and ACM that may become friable under demolition or renovation conditions.

The following friable or potentially friable materials tested positive as ACM:

- 9”x9” green Floor tile
- Floor tile adhesive
- 9"x9" red Floor tile
- Floor tile adhesive
- White sink undercoating
- Transite Panels

The following suspect materials tested none detected (ND) as ACM in the building:
- Wall Plaster
- Ceiling Plaster
- Sheetrock & Taping Compound
- <4" fiberglass PI
- <4" fibrous PFI on fiberglass
- 4"-8" fiberglass PI
- Brick mortar
- Concrete block mortar
- Ceiling tar paper
- Baseboard adhesive
- 12"x12" textured Ceiling tile
- Ceiling tile adhesive
- 12"x12" white w/grey Floor tile
- Floor tile adhesive
- White cellulose insulation
- Fiberglass insulation

**Project Description Lead:** Twelve (12) XRF Spectrum Analyzer readings were collected on-site and analyzed for lead content. Suspect materials tested for lead included walls and fireplace. Results of analyses are listed in Appendix II of this report; refer to the report for specific materials and locations. Directions are represented in the following fashion: A=North, B=East, C=South and D=West. Overall, materials tested were in fair condition.

It is recommended that throughout the general renovation activities associated with this building, where the contractor will be impacting lead materials, the contractor follow OSHA regulation 29 CFR 1926.62 Lead Exposure in Construction; Interim Final Rule. The Minnesota Pollution Control Agency (MPCA) stipulates that peeling and flaking paint be stabilized prior to demolition and structures with paint adhered to the substrate may be deposited in a properly permitted demolition landfill.

**At this time it is inaccessible above the plaster ceilings. Depending on the scope of work, further investigation may be required no destructive surveying has been done.**

If there is any further information required, or other questions arise regarding this request, please contact Brianne Young at (612) 624-8951.

**Brianne Young**

**Written By:**

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