

12 July 2010

Commercial-in-Confidence

Mr Alan O'Brien
Executive Project Manager
Office of Major Projects - Macquarie University
Macquarie University, NSW 2109

Dear Alan,

Re: Hazardous Materials Assessment - Carpark Blocks W1, W2 and C1, University Ave, Macquarie University, NSW 2109

1.0 Introduction

We refer to your recent request for AECOM Australia Pty Ltd (AECOM) to undertake a hazardous materials assessment of Carpark Blocks W1, W2 and C1, located within the Macquarie University complex at Macquarie Park, NSW and confirm that a site visit for this purpose was carried out by AECOM on 8 July 2010.

The purpose of the assessment, which is required to be undertaken prior to any demolition or building works and which is also intended to meet owner/employer obligations under the NSW Occupational Health and Safety Regulation 2001, was to identify the location, extent and condition of any accessible asbestos containing and other hazardous construction materials present throughout the subject carpark blocks.

For the purpose of this report, hazardous construction materials are asbestos-containing materials (ACM), synthetic mineral fibre (SMF), lead based paint and polychlorinated biphenyls (PCB) within fluorescent light capacitors.

2.0 Methodology

The assessment was undertaken by way of a visual non-destructive inspection only of aboveground construction materials to each of the carpark blocks. In consideration of the age and construction of the blocks, no sampling of any suspected asbestos containing materials or field testing for lead based paints was deemed to be necessary.

A representative inspection of typical fluorescent light fittings was undertaken with the assistance of a University electrician.

3.0 Results of Assessment

Carpark Blocks W1, W2 and C1 are each of reinforced concrete construction, being constructed generally with reinforced concrete columns, reinforced concrete floor slabs and reinforced concrete perimeter balustrades. At ground floor level to each block the floors are bitumen paved.

To each block, the stormwater downpipes are PVC pipe and pipework to the fire hose reels is metal.

In consideration of information provided at the time of the assessment and manufacturers dating to the fire hose reels the carpark blocks are estimated to have been constructed circa 1990.

Asbestos

The only potentially asbestos containing material sighted was the jointing material between concrete floor slabs, including at the junctions between floor slabs and interlinking ramps.

The jointing material identified was modern silicone or foam type materials, of the type which is known not to contain asbestos.

No other suspected asbestos containing materials were identified during the inspection.

Synthetic Mineral Fibre (SMF)

No SMF materials were identified.

Polychlorinated Biphenyls (PCB)

Inspection of a number of representative fluorescent light fittings, with the assistance of a University electrician, found only modern plastic capacitors, which do not contain PCB.

Lead Based Paint

No suspected lead based paints were identified during the inspection – Minimal paintwork is present.

4.0 Comments and Recommendations

No asbestos containing or other hazardous materials were identified on the nominated carpark blocks where able to be accessed.

Materials which may have been concealed during the assessment (i.e. stormwater drains, conduits, and the like below ground floor paving), but become exposed during the demolition works and are suspected of containing asbestos should have their composition determined prior to works in those areas continuing.

Should any asbestos materials be identified during future works at the site, then these materials should be managed in accordance with the NSW OH&S Regulation 2001 and the following National Occupational Health and Safety Commission (NOHSC) documents:

- Code of Practice for the Safe Removal of Asbestos 2nd Edition [NOHSC:2002(2005)];
- Code of Practice for the management & Control of Asbestos in Workplaces [NOHSC:2018(2005)]; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC: 3003(2005)].

5.0 Limitations

The assessment was undertaken by visual inspection using non-destructive means only. Only those area(s) of the property that were accessible to AECOM at the time of our inspection are covered in this report. Therefore, AECOM cannot guarantee that each and every hazardous material that exists within the property has been located, identified and documented.

AECOM prepared this report for the purpose set out in **Section 1.0**. It is not appropriate for this report to be relied upon or used for any other purpose. It is also not appropriate for this report to be released to any other party (either in whole or in part) without AECOM's prior written consent.

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AECOM has relied upon information identified in this report and have assumed this information to be both adequate and accurate for the purpose of preparing this report for you. AECOM has not, therefore, verified or audited any of the information you, or others, have supplied to us. If there is further information that becomes available, AECOM may need to amend the information contained in this report and AECOM reserves its right to do so should this become necessary.

In addition, this report does not, and does not purport to, give legal advice as to your actual or potential asbestos or hazardous material liabilities, or draw conclusions as to whether any particular circumstances constitute a breach of relevant legislation. You will appreciate that this advice can only be given by qualified legal practitioners.

Finally, AECOM does not make any other warranty, expressed or implied, as to the professional advice contained in this report.

6.0 Closure

Trusting the foregoing is of assistance, should you require any further information please contact the undersigned on 02 8484 8999.

Yours sincerely,



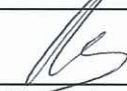
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