

LOOSE-FILL ASBESTOS INSULATION CEILING CAVITY INSPECTION



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WC Number : 36808/2016/RAD

Address: 10, Gwandalan Cres, BEROWRA, 2081

Issue Date: 19/03/2017

Report Generated By



Commissioned By



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FIELDWORK

ASSESSOR NAME	LICENCE NO.	INSPECTION DATE
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INTRODUCTION

BUILDING INFORMATION

In the 1960s and 1970s a company known as Mr Fluffy used raw amosite and crocidolite asbestos, known as loose-fill asbestos, as ceiling insulation in some ACT and NSW homes. The NSW Government has determined that demolition, comprehensive site remediation and disposal is the best way to ensure the health and safety of the NSW community. NSW Fair Trading has established the Loose-fill Asbestos Implementation Taskforce (the Taskforce) which is responsible for overseeing and implementing a Voluntary Purchase and Demolition Program (the Program) for properties identified as containing loose-fill asbestos insulation (LFAI).

OBJECTIVES

Under the Program, free sample testing for LFAI is being offered to owners of pre-1980s residential properties within approved Local Government Areas. The objective of the free sample testing is to identify properties that are affected by LFAI. Homeowners of LFAI affected properties will then be eligible to have their property purchased and demolished under the Program

To that end, JMB Environmental Consulting Pty Ltd has been commissioned by the Taskforce to carry out an inspection of 10, Gwandalan Cres, BEROWRA, 2081 and prepare this Loose - fill Asbestos Insulation Ceiling Cavity Inspection Report.

LIMITATIONS

This investigation consisted of a visual inspection and laboratory analysis of at least three samples taken during the site inspection as shown in the site plan in Appendix A.

This report does not certify that the property is free from Loose Fill Asbestos Insulation or other asbestos dusts, which could exist in wall, floor or ceiling cavities or other parts of the property or any inaccessible or partly inaccessible areas or sections of the property.

Any person acting or relying on this report, in whole or in part, does so subject to the limitations expressed in this report and at their own risk.

A risk assessment of Loose - fill Asbestos Insulation is outside the scope of this report.

INSPECTION / REPORT ANOMALIES

n/a.

SURVEY INFORMATION

BUILDING HISTORY & CONSTRUCTION

TYPE OF BUILDING	Free standing house
APPROX. YEAR OF CONSTRUCTION	Unknown
ROOFING MATERIAL	Concrete tiles
EXTERNAL WALLS	Brick
EXTENSIONS ?	No
YEAR OF EXTENSIONS?	n/a
RENOVATIONS?	No
YEAR OF RENOVATIONS?	n/a
EVIDENCE OF LFAI?	No

Table 1: Building history & construction materials table

METHODOLOGY

Prior to undertaking an inspection of the property a risk assessment was undertaken and temporary controls, including the placement of plastic sheeting below the manhole cover and use of appropriate Personal Protective Equipment (PPE), were implemented prior to gaining access into the ceiling cavity.

The inspection included taking at least three samples from an area the Licensed Asbestos Assessor determined represented the highest likelihood of containing LFAI. At least one of these samples was taken from a location where LFAI is likely to remain following any remediation work. A dust suppression spray was applied to any loose material prior to sampling. The samples were collected and placed into a labelled zip locked bag or sampling jar.

The inspection was undertaken in-accordance with 'How to Manage and Control Asbestos in the Workplace, Code of Practice' (Safe Work Australia, December 2016).

All samples were delivered to a National Association of Testing Authorities accredited testing laboratory under Chain of Custody protocol. All samples were tested for asbestos under Australian Standard AS 4964 - 2004 'Method for the qualitative identification of asbestos in bulk samples' using a laboratory that is NATA accredited for the testing method.

SURVEY RESULTS

The results of sampling are summarized in Table 2 below. For further information regarding sampling locations, please refer to the roof plan located in Appendix A.

Photographs of samples, and of the roof space can be found in Appendix C.

The NATA accredited laboratory results associated with this report can be found in Appendix D.

Sample Reference	Sample Description	Location	Photo	Results
A1	Mineral fibre loose fill	Ground floor roof space	Refer to Appendix C	No Asbestos Detected
A2	Mineral fibre loose fill	Ground floor roof space	Refer to Appendix C	No Asbestos Detected
A3	Mineral fibre loose fill	Ground floor roof space	Refer to Appendix C	No Asbestos Detected

Table 2: Table of results



CONCLUSION

No asbestos detected in any of these samples. No further action required at this time.

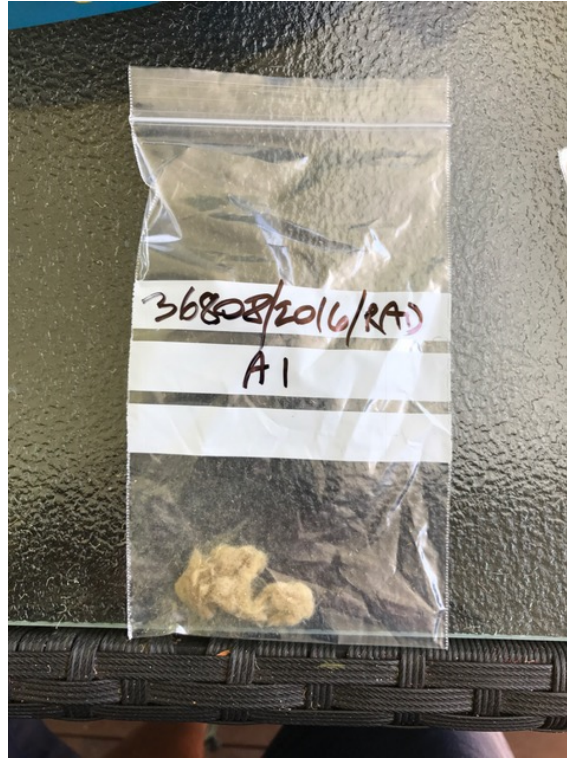
APPENDICES

APPENDIX B: CHAIN OF CUSTODY FORM

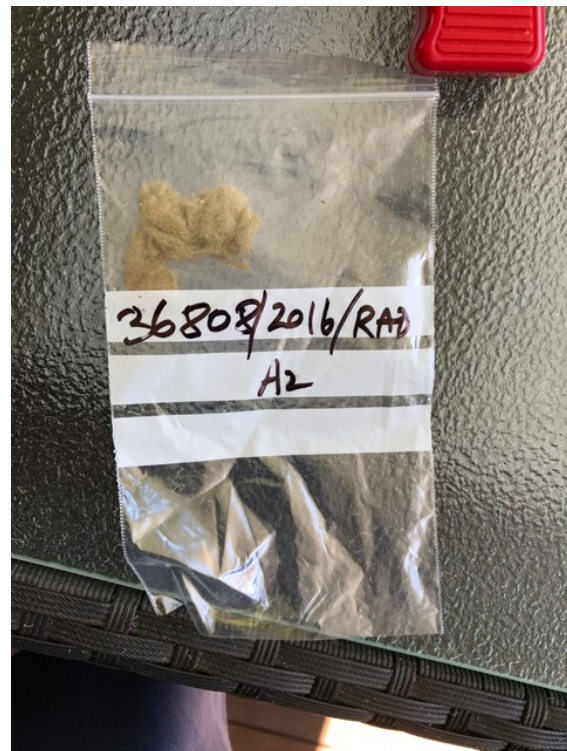
JMBEC D05 Chain of Custody Form

JMB Environmental Consulting Pty Ltd PO Box 807, Jerrahi, 2274 ABN: 70 145 296 609 Mobile: 0429 189 747 Email: admin@jmbec.com.au		Project Name No:		17006		Comments:		1 Page Report Please				
		Purchase Order No:		DMVFD2								
		Results Required By:		Standard								
		Telephone:		0429 189 747								
		Email Results:		admin@jmbec.com.au								
Sample ID	Sample	SAMPLE DATE	SAMPLE TIME	ASBESTOS (DS)	ASBESTOS FIBRE COUNT	Mould ID	Bacteria ID	Legionella Count	HCC	Lead in paint (%)	Lead dust	Additional Comments
06102/2016/NIYE	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
06867/2016/TOL	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
06266/2016/JOS	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
05939/2016/GRE	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
06327/2016/MAN	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
06302/2016/WAD	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
06007/2016/MCL	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
06808/2016/RAD	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
06902/2016/REE	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
07096/2016/WAL	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
07064/2016/SHA	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
07031/2016/YUN	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
07406/2016/THO	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
07355/2016/STO	A1 / A2 / A3	2/06/2017	n/a	X								3 Samples per sample ID
Redispersed By: John Bailey Date: 2/06/2017 Received By: OL Comments:												
Signed:  Time: Date: 8/02/2017 												
Samples Intact: Yes / No Post Office: Time: 1415												

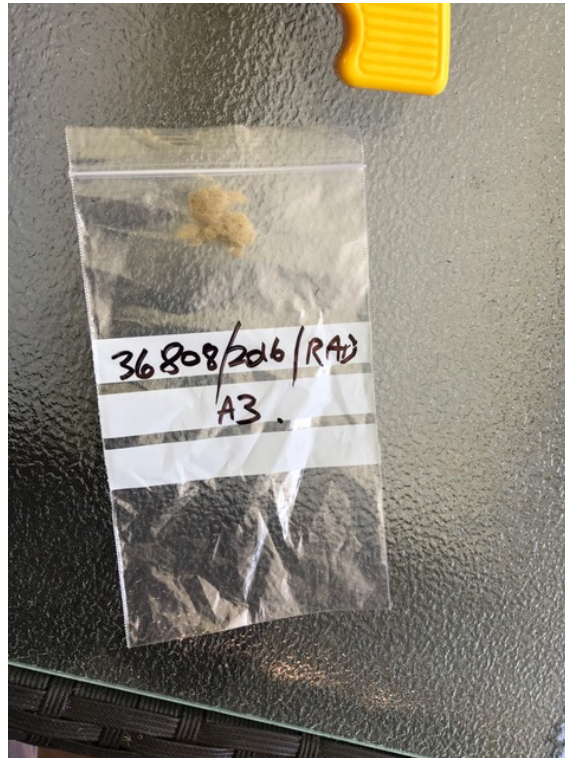
APPENDIX C: PHOTOGRAPHS



Photograph 1: Sample 1



Photograph 2: Sample 2



Photograph 3: Sample 3



Photograph 4: Roof space



Photograph 5: Roof space



Photograph 6: Roof space

APPENDIX D: LABORATORY CERTIFICATES

WSP | Parsons
Brinckerhoff
Australia
Pty Limited

Level 27 Ernst & Young Centre 680 George
Street
PO Box 20967 World Square
Telephone +61 2 9272 1407
Facsimile +61 2 9272 5101
Email ANZLab@pbworld.com

Certificate of Analysis

ABN 80 078 004 798

NCSI Certified Quality System ISO 9001

LOCATION: 17005 - 36808/2016/RAD

CERTIFICATE NO: SYD-2270184A-0219-58538

CLIENT: JMB Environmental Consulting

DATE/S SAMPLED: 6/02/2017

CLIENT ADDRESS: PO Box 807, Jannali NSW 2226

DATE RECEIVED: 8/02/2017

TELEPHONE: 0477022814

DATE ANALYSED: 13/02/2017

EMAIL: info@jmbec.com.au

ORDER NUMBER: DMVF02

CONTACT: JMB Environmental Consulting

SAMPLED BY: As Received

TEST METHOD: Qualitative identification of Asbestos fibre in bulk and soil samples at WSP Parsons Brinckerhoff Corporate Laboratories, by polarised light microscopy, including dispersion staining techniques using AS4964 (2004) and supplementary in house laboratory procedure (LP1 - Identification of Asbestos Fibres). This document is issued in accordance with NATA's requirements under NATA accreditation No. 17199, accredited for compliance with ISO/IEC: 17025. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/National standard.

Lab No	Sample ID	Sample Description	Sample Dimensions	Identification Type
001	36808/2016/RAD-A1	Insulation	1 gm	SMF, NAD
002	36808/2016/RAD-A2	Insulation	1 gm	SMF, NAD
003	36808/2016/RAD-A3	Insulation	1 gm	SMF, NAD

LEGEND:

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected
SMF - Synthetic Mineral Fibres Detected
OF - Organic Fibres Detected

Hand picked refers to small discrete amounts of asbestos distributed unevenly in a large body of non asbestos material.

Notes:

If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

The results contained within this report relate only to the sample(s) submitted for testing. PB accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. NATA does not accredit sampling. This document may not be reproduced except in full.



Approved Identifier

Name: Clare Brockbank

Clare Brockbank

Approved Signatory

Name: Catherine Bondoc

C Bondoc

AUTHORISATION DATE

14/02/2017

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