DOCUMENT 1

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140 Gladstone Street, Fyshwick ACT 2609
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ABN 55 008 660 900

Peter Folkard
ACT Property Group
PO Box 777
Fyshwick ACT 2609

14 May 2014

Re: Cleaning Procedures for Window Glass with Asbestos Containing Putty

Dear Peter,

Windows that have asbestos putty used as a sealant which contain asbestos presents a negligible risk if not disturbed. Concerns have been raised in the past that where large hardened and brittle fragments of asbestos containing window putty become dislodged through weathering, the risk of exposure increases if a child were to abraid the fragment against a masonry surface. The perception is that during this abrasion process the asbestos within the putty may become airborne and potentially be inhaled by students.

Robson Environmental has been supplied with a Glass Cleaning Procedure provided by a ACT Property Group approved window cleaner.

The document addresses the following items with respect to glass cleaning;

- Purpose,
- Materials used,
- Procedure for cleaning the Glass
- Safety &
- Care of equipment.

The Procedure should also note that all glass cleaning staff are Working at Heights Trained and Asbestos Awareness Trained. It is also strongly recommended that a First-Aid Trained staff member is on the particular cleaning team and that personnel do not work alone.

The window cleaning staff should adhere to the following dot points when preparing to and cleaning windows;

- Check with the asbestos management plan located at the reception to determine whether the window putty contains asbestos.
- Where asbestos putty exists the window cleaners must avoid damaging the putty. The soft squeegee's and dry cloth used on the windows are highly unlikely increase the risk of exposure. The scraping of windows to remove paint spots or tape spots may damage the asbestos putty if not undertaken with care.

- If damage occurs or the condition of the putty has weathered sufficiently for fragments of the asbestos putty to become dislodged, the cleaners should isolate the area with signage or barricades and cover the putty fragment with plastic. If they are Asbestos Awareness Trained the cleaners should double bag the asbestos debris and place in a sealed container. In either case a licensed ACT Asbestos Removalist must be contacted to collect and dispose of the waste and remediate the areas of putty in poor condition.
- In the circumstance where cleaners identify windows where the asbestos putty is loose or dislodged the windows must remain uncleaned until the areas are remediated by a licensed ACT Asbestos Removalist.
- Lines of communication should be set up between the Cleaning Contractors and an ACT Property Group representative, to respond as soon as practicable should either of the above two items eventuates.

Robson Environmental

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Adam Dezman
ACT Property Group
PO Box 777
FYSHWICK ACT 2609

27 May 2014

Dear Adam,

Re: Asbestos analysis and risk assessment of 2 samples collected from the Yarralumla Primary School – 14 January 2015

Site Work

, Class A Asbestos Assessor of Robson Environmental sampled suspected asbestos containing material (ACM) from the above location, as shown on the attached figure. Analytical results for sampled material are presented in Table 1.

Risk Assessment

A Risk Assessment was undertaken on all asbestos containing materials (ACM) to enable informed decisions to be made concerning the management of ACM as per NOHSC: 2018 (2005). This Risk Assessment takes into account:

- the type of ACM (bonded or friable)
- the condition and location of the ACM
- whether the ACM is likely to be disturbed due to its condition and location and
- the likelihood of exposure to asbestos fibre

Material Assessment Restrictions and Caveats

Robson Environmental has taken care to ensure that this report includes the most accurate information available. This report does not constitute a full register of asbestos containing materials at the above establishment as required by State Legislation and the National Code of Practice. The material assessments, recommendations and/or conclusions contained in this report must not be used to excuse a person of their responsibility to work in accordance with relevant Statutory Requirements, Codes of Practice, Guidelines, Material Safety Data Sheets, Work Instructions or reasonable work practices.

Table 1 details the ratings for the condition and associated risk of each positively identified asbestos material at the time of the assessment. The ratings for each item are presented in Table 2.

Table 1: ACM Condition & Risk Ratings

ACM CONDITION RATING		
1	**Severe**	Material in very poor condition
2	**Poor**	Deteriorated material and considerable damage
3	**Fair**	Minor damage
4	**Good**	Well sealed stable material
ACM RISK RATING		
A	**Very High**	Exposure to airborne asbestos likely as a consequence of minor disturbance
B	**High**	Exposure to airborne asbestos possible as a consequence of minor disturbance
C	**Medium**	Exposure to airborne asbestos unlikely during normal building use
D	**Low**	Negligible exposure to airborne asbestos during normal building use

LABORATORY METHODOLOGY

Sampled material was double bagged and transported to the Robson Environmental's National Association of Testing Authorities (NATA) accredited laboratory. Samples were delivered with a Chain of Custody (COC) form written by the assessor which was signed off on receipt by the laboratory. The received materials were analysed for asbestos fibre content which is determined by Polarised Light Microscopy with dispersion staining techniques. The certificate of analysis and COC are presented in Appendix B.

The samples taken from suspected ACM are representative of the materials sampled, individually identified, transported, analysed and reported in accordance with the Commission NOHSC Guidelines, relevant Statutory Regulations, Codes of Practice and Robson Environmental In-house Procedures 2 & 3.

All inspections, sampling, identification and reporting was undertaken in accordance with Robson Environmental's NATA, ISO9001, ISO14001 and AS4801 accreditations.

Bonded ACM

Bonded asbestos is any material that contains asbestos firmly bound into a matrix. It may consist of cement or various resins/binders and cannot be reduced to a dust by hand pressure. As such it does not present an exposure hazard unless cut, abraded, sanded or otherwise disturbed. Therefore, the exposure risk from bonded ACM is negligible during normal building occupation.

Note: If bonded ACM is damaged or otherwise deteriorated, the Risk Assessment must be reviewed to reflect a higher potential for exposure to asbestos fibres. When severely damaged, bonded ACM must be assessed as being friable. A Class A Asbestos Assessor must perform the Risk Assessment.

Friable ACM

Friable asbestos material can be crumbled or reduced to a dust by hand pressure when dry. It can represent a significant exposure hazard as a consequence of minor disturbance. Examples of friable asbestos are hot water pipe lagging, severely damaged asbestos cement sheet, limpet spray to structural beams and electrical duct heater millboard.

Table 2: Sample Analysis Results

Sample Number	Location description	Material	Type	Risk Rating	Fibrous Content
D1512	After school care – external window	Mastic	-	-	No asbestos detected
D1513	Preschool	Mastic	-	-	No asbestos detected

Asbestos containing material
Presumed asbestos containing material
Non- asbestos containing material

Conclusions & Recommendations

No asbestos was detected in any of the samples, therefore no action is required.

Yours sincerely,

APPENDIX B - FIBRE IDENTIFICATION CERTIFICATE OF ANALYSIS

Effective Environmental Solutions

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Fibre Identification Certificate of Analysis

Report Number: 7335471 Date of Report: 16.01.2015 Samples Taken by: Robson Environmental Page 1 of 1

Client Details		Laboratory Details	
Client:	ACT Property Group	Address:	140 Gladstone Street, Fyshwick, Canberra 2609
Attention:	Adam Dezman	Manager:	[redacted]
Received:	14.01.2015	Telephone:	02 6239 5656
Client Reference:	Yarralumla Primary School	Fax:	02 6239 5669
Email:	N/A	Email:	hazmat@robsonenviro.com

Test Specification(s) Employed: AS4964 (2004) & In-House Procedure No.2

Methodology Summary

Samples of material are examined to determine the presence of asbestos fibres using AS4964 (2004) & In-House Procedure No.2 i.e. Qualitative identification of chrysotile, amosite and crocidolite in bulk samples by **Polarised Light Microscopy** (**PLM**) in conjunction with **Dispersion Staining** (**DS**). Unequivocal identification of asbestos minerals present is made by assessing fibre properties to see whether the values are typical and consistent with published data. This provides a reasonable degree of certainty to determine whether a fibre under investigation is asbestiform or not. Careful application of the test procedure provides sufficient diagnostic clues to allow unequivocal identification of asbestos types, and so, to determine whether a sample contains asbestos or not. If sufficient diagnostic clues are absent, then positive identification of fibrous asbestos is not possible.

Client Supplied Samples

Robson Environmental is not responsible for the accuracy or competence of sampling carried by third parties. Sample location(s) and/or sample type(s) of third party samples delivered to the laboratory are given by the client at the time of delivery. Under these circumstances, Robson Environmental cannot be held responsible for the interpretation of the results shown. When the test certificate indicates that bulk samples were taken by the client, they are outside the scope of our NATA Accreditation for sampling. Robson Environmental takes responsibility of information reported only when a staff member takes the sample(s).

Reporting of Results

'Asbestos Detected': Asbestos detected by **Polarised Light Microscopy** (PLM), including **Dispersion Staining** (**DS**)
'No Asbestos Detected': No Asbestos detected by **Polarised Light Microscopy** (PLM), including **Dispersion Staining** (**DS**)
'UMF Detected': Mineral fibres of unknown type detected by **Polarised Light Microscopy** (PLM), including **Dispersion Staining** (**DS**). Confirmation by another independent analytical technique may be necessary.
"Hand-picked" refers to small discrete amounts of asbestos unevenly distributed in a large body of non-asbestos material.

Limit of Detection & Reporting Limit

Known limitations of the test procedure using **Polarised Light Microscopy** (**PLM**) are:

- **PLM** is a qualitative technique only;
- It does not cover identification of airborne or water-borne asbestos;
- The less encountered asbestos mineral fibres actinolite, anthophyllite and tremolite exhibit a wide range of optical properties that preclude unequivocal identification by **PLM** and **Dispersion Staining** (DS). Thus, the method is used to positively identify the three major asbestos minerals: amosite ("brown"), chrysotile ("white") and crocidolite ("blue");
- Valid identification requires that the sample material contains a sufficient quantity of the unknown fibres in excess of the practical detection limit used (in this case, **PLM** and **Dispersion Staining**, which has a calculated practical detection limit of 0.01-0.1% equivalent to 0.1-1g/kg (AS4946-2004:App. A4).

Results relate only to the sample(s) submitted for testing.
Test report must not be reproduced except in full.
Test report is issued in accordance with NATA's Accreditation requirements and **compliance with ISO/IEC 17025**

Sample No.	Client Ref.	Location	Physical Structure	Sample Description	Analysis of Fibrous Content
D1512	N/A	After school care – external window	Mastic	1gram	No Asbestos Detected
D1513	N/A	Preschool – external window	Mastic	1gram	No Asbestos Detected

[redacted]
Robson Approved Identifier

NATA
No. 3181

[redacted]
Robson Approved Signatory

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards

Table 5 to Procedure No. 2

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Adam Dezman
ACT Property Group
PO Box 777
Fyshwick
ACT 2609

05 February 2015

Dear Adam,

Re: Site assessment of previously identified asbestos containing materials located in the toilet at Yarralumla Preschool, Yarralumla ACT 2600 – 03 February 2015

Site Work

, Class A Asbestos Assessor of Robson Environmental sampled suspected asbestos containing material (ACM) from the above location. The assessment of the ACM is presented in Table 2. Photographs of material assessed are presented in Appendix A.

Risk Assessment

A Risk Assessment was undertaken on containing materials (ACM) to enable informed decisions to be made concerning the management of ACM as per *Code of Practice for the Management and Control of Asbestos in the Workplace.* This Risk Assessment takes into account:

- the type of ACM (non-friable or friable)
- the condition and location of the ACM
- whether the ACM is likely to be disturbed due to its condition and location and
- the likelihood of exposure to asbestos fibre

Material Assessment Restrictions and Caveats

Robson Environmental has taken care to ensure that this report includes the most accurate information available. This report does not constitute a full register of asbestos containing materials at the above establishment as required by State Legislation and the Code of Practice. The material assessments, recommendations and/or conclusions contained in this report must not be used to excuse a person of their responsibility to work in accordance with relevant Statutory Requirements, Codes of Practice, Guidelines, Material Safety Data Sheets, Work Instructions or reasonable work practices.

Table 1 details the ratings for the condition and associated risk of each positively identified asbestos material at the time of the assessment. The ratings for each item are presented in Table 2.

Table 1: ACM Condition & Risk Ratings

ACM CONDITION RATING		
1	**Severe**	Material in very poor condition
2	**Poor**	Deteriorated material and considerable damage
3	**Fair**	Minor damage or signs of weathering
4	**Good**	Well sealed stable material
ACM RISK RATING		
A	**Very High**	Exposure to airborne asbestos likely as a consequence of minor disturbance
B	**High**	Exposure to airborne asbestos possible as a consequence of minor disturbance
C	**Medium**	Exposure to airborne asbestos unlikely during normal building use
D	**Low**	Negligible exposure to airborne asbestos during normal building use

All inspections, sampling, identification and reporting was undertaken in accordance with Robson Environmental's NATA, ISO9001, ISO14001 and AS4801 accreditations.

Non-Friable ACM

Non-friable asbestos is any material that contains asbestos firmly bound into a matrix. It may consist of cement or various resins/binders and cannot be reduced to a dust by hand pressure. As such it does not present an exposure hazard unless cut, abraded, sanded or otherwise disturbed. Therefore, the exposure risk from non-friable ACM is negligible during normal building occupation.

Friable ACM

Friable asbestos material can be crumbled or reduced to a dust by hand pressure when dry. It can represent a significant exposure hazard as a consequence of minor disturbance. Examples of friable asbestos are hot water pipe lagging, severely damaged asbestos cement sheet, limpet spray to structural beams and electrical duct heater millboard.

Table 2: ACM Assessed

Location description	Material	Type	Risk Rating
Toilet walls	Sheet	Non Friable	3C

Asbestos containing material
Presumed asbestos containing material
Non- asbestos containing material

Conclusions & Recommendations

The ceramic wall tiles are loose on the right hand side wall and a few had fallen off the asbestos wall sheet and paint flakes observed on the floor. The toilet has been sealed to prevent access.

The short term remediation solution is to engage a licensed removalist to remove the ceramic tiles from all walls, environmentally clean the floor and encapsulate the walls with paint, which would allow reoccupation of the toilet. Longer term the walls should be removed during a preschool holiday period.

Asbestos Removal

Removal of ACM must be undertaken by a licensed Asbestos Removalist as per the *Code of Practice for the Safe Removal of Asbestos*. The removal/remediation of friable ACM must be undertaken by a licensed Class A Asbestos Removalist. Removal or remediation of non-friable asbestos may be undertaken by either an A or B Class Asbestos Removalist.

Prior to the commencement of any remediation/removal works associated with asbestos, a building certifier must be engaged and building approval sought. An application must also be submitted to WorkSafe ACT at least (5 days) prior to any friable or non-friable asbestos removal works commencing. An asbestos removal contractor must supply an Asbestos Removal Control Plan (ARCP) and a Safe Work Method Statement (SWMS). An independent licensed Class A Asbestos Assessor should be engaged to ensure that the ARCP addresses all safety issues relating to the planned asbestos works.

Air monitoring is mandatory during the removal or remediation of friable asbestos and should be considered during the removal or remediation of non-friable asbestos. Air sampling is to be undertaken in accordance with the *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres, 2nd* Edition and test certificates will be National Association of Testing Authorities (NATA) endorsed.

An independent Class A Asbestos Assessor must also be employed to undertake a Clearance Inspection of both friable and non-friable asbestos removal or remediation works. A satisfactory clearance certificate for the remediated areas must ensure that no visible asbestos or presumed asbestos remains. Additionally no asbestos fibres should be detected by laboratory analysis in any validation samples. All surfaces within the remediated area must be free of general dust and debris.

Yours sincerely,

APPENDIX A - PHOTOGRAPHS OF ASSESSED ACM

LOCATION DESCRIPTION	MATERIAL	PHOTOGRAPH
Toilet floor	paint flakes	
Toilet wall where tiles have fallen off	Sheet	

DOCUMENT 4

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ASBESTOS CLEARANCE CERTIFICATE

Project/Location: Yaralumla Pre School

Job Number: 7335-47-1

Date of Clearance: Thursday, 26 February 2015

Description of Work: Environmental clean in toilets

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Asbestos Removalist: [redacted]

Certification: Robson Environmental carried out background air monitoring and a visual inspection following the completion of the works listed above. It should be noted that this clearance certificate relates only to the exact areas specified above.

A visual inspection carried out on Thursday, 26 February 2015 by [redacted], ACT Class A Asbestos Assessor, found no visible asbestos residue from the asbestos works in the area or in the vicinity of the area where the work was carried out. The work area has been given the "all clear" and restrictions associated with the asbestos removal can now be lifted and the area safely reoccupied.

Air monitoring was conducted at the sample locations indicated on the accompanying Respirable Fibre Estimation Test Report and yielded airborne fibre concentrations below the recommended Control Level of 0.01 fibres/mL as required by *"Code of Practice For The Safe Removal Of Asbestos 2nd Edition [NOHSC:2002(2005)]".*

Atmospheric measurements were carried out in accordance with the *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres, 2nd Edition [NOHSC: 3003 (2005)]* and laboratory In-house Procedure No.1. Refer to the Respirable Fibre Estimation Test Report and the Explanatory Note on Interpreting the Clearance Certificate & Atmospheric Results.

Authorized by:

[redacted]

Robson Environmental Pty Ltd

Appendix 1. Air Monitoring Results

NATA
WORLD RECOGNISED ACCREDITATION
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APPENDIX 1 - AIR MONITORING RESULTS

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Effective Environmental Solutions

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Respirable Fibre Estimation Test Report

Report No.: 7335471 **Sampling Date:** 26 Feb 2015 **Report Issued:** 26 Feb 2015

Monitoring Location: Yaralumla Pre School

Client Name & Address: ACT Property Group

Work in Progress: Environmental clean in toilets

Asbestos Removalist:

Test Specification(s) Employed: NOHSC: Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC: 3003 (2005)], & In-House Procedure No. 1

Sample No.	Sampling Location	Time On	Time Off	Av. Flowrate	No. of Fields Counted	No. of Fibres Counted	Airborne Fibre Conc. (fibres/mL)
7335471-4	On bookcase in centre of room	1615	1800	3000	100	1	<0.01
7335471-5	In kitchen area	1620	1801	3000	100	2	<0.01
7335471-6	In store room next to toilet	1622	1802	3000	100	1	<0.01
7335471-7	Field Blank	-	-	-	100	0	-

Field blanks and samples taken in direct flow of negative air units are reported as a fibre count only
#Clearance in bold

The Detection Limit of the analytical method is 0.01 fibres/mL
The *NOHSC: 2002 (2005)* recommended Control Level for all forms of asbestos is 0.01 fibres/mL
Worksafe Australia's recommended Exposure Standard for all forms of asbestos is 0.1 fibres/mL

Robson Approved Signatory

NATA No. 3181

Robson Approved Counter

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 standards

Table 2 to Procedure No.1

ASBESTOS CLEARANCE INSPECTION
PASS

Project/Location: Yarralumla Primary School, Yarralumla ACT

Job Number: 7335471

Date of Inspection: Wednesday, 25 March 2015

Description of Work: Environmental clean and seal holes in asbestos eave sheet where a wire cover to light fitting had been damaged. See attached photograph.

Asbestos Removalist:

Certification:

A visual inspection was carried out on Wednesday, 25 March 2015, by following the completion of the asbestos works listed above in accordance with Robson Environmental's NATA, ISO9001, ISO14001 and AS4801 accreditations. It should be noted that this clearance certificate relates only to the exact area specified above.

The inspection found no visible asbestos residue from the asbestos work in the area or in the vicinity of the area where the work was carried out.

The work area has been given the "all clear" and restrictions associated with the asbestos works can now be lifted and the area safely reoccupied.

Authorised by:

Appendix A – Photographs

Accredited for compliance with ISO/IEC 17020

APPENDIX A - PHOTOGRAPHS

Photograph 1: Environmental clean and seal holes in asbestos eave sheet where a wire cover to light fitting had been damaged.

From: Connors, Kevin
To: Ebner, Joanne
Subject: FW: Yarraluma Primary Gamberi building
Date: Monday, 30 March 2015 10:45:01 AM
Attachments: [redacted]

Hi Jo

As discussed, confirmation from Robson's re proposal for Eaves at Yarralumla.

Regards

KEVIN CONNORS | **PROJECT MANAGER** | PROPERTY PROJECTS AND SERVICES | ACT PROPERTY GROUP |
CHIEF MINISTERS,TREASURY & ECONOMIC DEVELOPMENT DIRECTORATE | ACT GOVERNMENT | P: 02 62059504|
F: +61 2 621 30735 | M: 0466 305 154 | E: kevin.connors@act.gov.au

From: [redacted]
Sent: Monday, 30 March 2015 10:34 AM
To: Connors, Kevin
Cc: [redacted]
Subject: Yarraluma Primary Gamberi building

Hi Kevin,

As discussed earlier, the eaves can be repainted at the Gamberi building, Yarraluma Primary school so long as an asbestos removalist conducts all the preparation work e.g. remove any loose flaking paint. Under no circumstances should the eaves be dry sanded or water blasted.

Regards

[redacted]

[redacted]
Web: www.robsonenviro.com.au

ASBESTOS CLEARANCE INSPECTION
PASS

Project/Location:	Yarralumla Primary School, Loftus Street, Yarralumla, ACT
Job Number:	7335471
Client:	ACT Property Group
Client Contact:	Adam Dezman – [redacted]
Time And Date Of Inspection:	1300 Saturday, 13 February 2016
Date(s) And Description Of Work:	Environmental clean and removal of friable asbestos pipe lagging residue to pipe flanges, pipe brackets and walls in the boiler room.
Asbestos Removalist:	[redacted]

Certification:

A visual inspection was carried out on Saturday, 13 February 2016, by [redacted] following the completion of the asbestos works listed above in accordance with Robson Environmental's NATA, ISO9001, ISO14001 and AS4801 accreditations. It should be noted that this clearance certificate relates only to the exact area(s) specified above.

The inspection found no visible asbestos residue from the asbestos work in the area or in the vicinity of the area where the work was carried out.

Air monitoring during the works returned results below the minimum practical detection limit of <0.01 F/mL.

The work area has been given the "all clear" and restrictions associated with the asbestos works can now be lifted and the area safely reoccupied.

Authorised by:

[redacted]

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Appendix A – Air Monitoring Results

Respirable Fibre Estimation Test Report

Report No.: 7335471 **Sampling Date:** 13/02/2016 **Report Issued:** 13/02/2016

Monitoring Location: Yarralumla Primary School, Loftus Street, Yarralumla, ACT 2600

Client Name & Address: ACT Property Group 255 Canberra Avenue Fyshwick ACT 2609

Work in Progress: Environmental clean and removal of friable asbestos pipe lagging residue to pipe flanges, pipe brackets and walls in the boiler room.

Asbestos Removalist: [redacted]

Test Specifications(s) Employed: NOHSC: Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC: 3003 (2005)], In-House Procedure No. 1

Sample No.	Sample Location	Time On	Time Off	Av. Flow Rate	No. of Fields Counted	No. of Fibres Counted	Airborne Fibre Conc. (fibres/mL)
7335471-008	On decon unit -	07:50	14:33	1000	100	0	< 0.01
7335471-009	On plastic barrier to removal area east -	07:53	14:34	1000	100	0	< 0.01
7335471-010	On temporary fence adjacent to window north of removal area -	07:55	14:36	1000	100	0	< 0.01
7335471-011	On temporary fence adjacent to window south of removal area -	07:57	14:37	1000	100	0	< 0.01
7335471-012	Clearance inside boiler room removal area - Clearance: Pass	13:00	14:40	4000	100	1	< 0.01
7335471-013	Field Blank	-	-	-	100	0	-

Field blanks and samples taken in direct flow of negative air units are reported as a fibre count only

TDR = Filter too heavily loaded with background dust to read

The Detection Limit of the analytical method is 0.01 fibres/mL
The Work Health and Safety Act 2011 Control Level for all forms of asbestos is 0.01 fibres/mL
Worksafe Australia's recommended Exposure Standard for all forms of asbestos is 0.1 fibres/mL

[redacted]

Robson Approved Signatory

NATA No. 3181

[redacted]

Robson Approved Counter

[redacted]

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 standards

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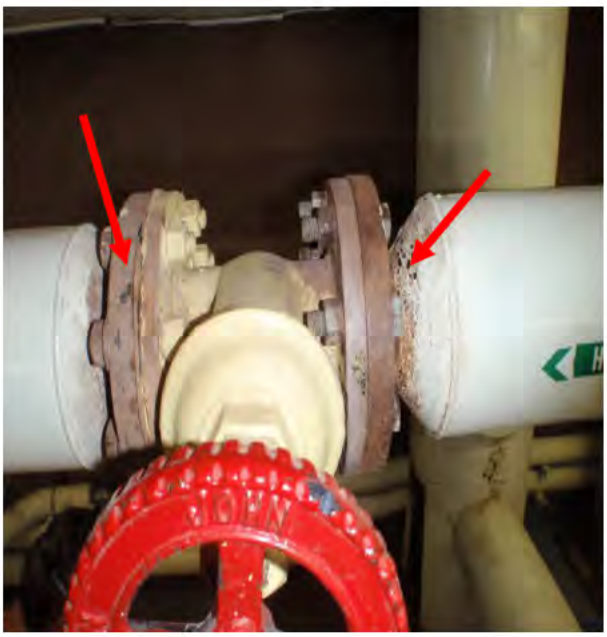
Page 1 of 1

Appendix B – Photographs

Photograph 1: Environmental clean and removal of friable asbestos pipe lagging residue to pipe flanges, pipe brackets and walls in the boiler room.



Photograph 2: Environmental clean and removal of friable asbestos pipe lagging residue to pipe flanges, pipe brackets and walls in the boiler room.

Photograph 3: Environmental clean and removal of friable asbestos pipe lagging residue to pipe flanges, pipe brackets and walls in the boiler room.

Photograph 4: Environmental clean and removal of friable asbestos pipe lagging residue to pipe flanges, pipe brackets and walls in the boiler room.

ASBESTOS CLEARANCE INSPECTION
PASS

Project/Location:	Yarralumla Primary School, Loftus Street, Yarralumla, ACT
Job Number:	7335471
Client:	ACT Property Group
Client Contact:	Adam Dezman –
Time And Date Of Inspection:	12.00pm Sunday, 14 February 2016
Date(s) And Description Of Work:	Removal of non friable asbestos ceiling sheets to flue in the boiler room.
Asbestos Removalist:	

Certification:

A visual inspection was carried out on Sunday, 14 February 2016, by following the completion of the asbestos works listed above in accordance with Robson Environmental's NATA, ISO9001, ISO14001 and AS4801 accreditations. It should be noted that this clearance certificate relates only to the exact area(s) specified above.

The inspection found no visible asbestos residue from the asbestos work in the area or in the vicinity of the area where the work was carried out.

Air monitoring during the works returned results below the minimum practical detection limit of <0.01 F/mL.

The work area has been given the "all clear" and restrictions associated with the asbestos works can now be lifted and the area safely reoccupied.

Note: this was a partial removal of damaged ceiling sheets around the flue on the right hand side. Asbestos ceiling sheets still remain around the flue on the left hand side. The edges to the remaining ceiling sheets have been sprayed with paint to prevent any fibre release. Care should be taken when working around the asbestos ceiling sheets.

Authorised by:

NATA
WORLD RECOGNISED ACCREDITATION
No. 3181
Accredited for compliance with ISO/IEC 17020

Appendix A – Air Monitoring Results

Respirable Fibre Estimation Test Report

Report No.: 7335471 **Sampling Date:** 14/02/2016 **Report Issued:** 14/02/2016

Monitoring Location: Yarralumla Primary School, Loftus Street, Yarralumla, ACT 2600

Client Name & Address: ACT Property Group 255 Canberra Avenue Fyshwick ACT 2609

Work in Progress: Removal of non friable asbestos ceiling sheets around flue in the boiler room.

Asbestos Removalist: [redacted]

Test Specifications(s) Employed: NOHSC: Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC: 3003 (2005)], In-House Procedure No. 1

Sample No.	Sample Location	Time On	Time Off	Av. Flow Rate	No. of Fields Counted	No. of Fibres Counted	Airborne Fibre Conc. (fibres/mL)
7335471-014	Adjacent entry to removal area -	08:00	12:02	2000	100	1	< 0.01
7335471-015	On temp fence adjacent window to removal area north -	08:02	12:04	2000	100	3	< 0.01
7335471-016	On temp fence adjacent removal area south -	08:04	12:07	2000	100	0	< 0.01
7335471-017	Field Blank	-	-	-	100	0	-

Field blanks and samples taken in direct flow of negative air units are reported as a fibre count only

TDR = Filter too heavily loaded with background dust to read

The Detection Limit of the analytical method is 0.01 fibres/mL
The Work Health and Safety Act 2011 Control Level for all forms of asbestos is 0.01 fibres/mL
Worksafe Australia's recommended Exposure Standard for all forms of asbestos is 0.1 fibres/mL

[redacted]

Robson Approved Signatory

NATA No. 3181

[redacted]

Robson Approved Counter

[redacted]

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 standards

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Appendix B – Photographs

Photograph 1: Removal of non friable asbestos ceiling sheets to flue in the boiler room.

Photograph 2: Remaining of non friable asbestos ceiling sheets to flue on the left hand side.

ASBESTOS CLEARANCE INSPECTION
PASS

Project/Location:	Yarralumla Primary School, Loftus St, Yarralumla ACT
Job Number:	7335-47-1
Client:	ACT Property Group
Client Contact:	Adam Dezman – [redacted]
Time And Date Of Inspection:	12:00pm Saturday, 17 September 2016
Date(s) And Description Of Work:	Removal of 4x non friable asbestos eave sheets adjacent to the pergola at the pre area
Asbestos Removalist:	[redacted]

Certification:

A visual inspection was carried out on Saturday, 17 September 2016, by [redacted] following the completion of the asbestos works listed above in accordance with Robson Environmental's NATA, ISO9001, ISO14001 and AS4801 accreditations. It should be noted that this clearance certificate relates only to the exact area(s) specified above.

The inspection found no visible asbestos residue from the asbestos work in the area or in the vicinity of the area where the work was carried out.

Air monitoring during the works returned results below the minimum practical detection limit of <0.01 F/mL.

The work area has been given the "all clear" and restrictions associated with the asbestos works can now be lifted and the area safely reoccupied.

Note: This was only a partial removal to allow works to proceed. Asbestos containing eaves still remain in situ and must not be disturbed.

Authorised by:

[redacted]

NATA
WORLD RECOGNISED ACCREDITATION
No. 3181

Accredited for compliance with ISO/IEC 17020

Appendix A – Air Monitoring Results

Report No: 7335471-160917-01

Respirable Fibre Estimation Test Report

Job No.: 7335471 **Sampling Date:** 17/09/2016 **Report Issued:** 17/09/2016

Monitoring Location: Yarralumla Primary School, Loftus Street, Yarralumla, ACT 2600

Client Name & Address: ACT Property Group 255 Canberra Avenue Fyshwick ACT 2609

Work in Progress: Removal of 4x non friable asbestos eaves adjacent to the pergola at the pre area

Asbestos Removalist: [redacted]

Test Specifications(s) Employed: NOHSC: Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC: 3003 (2005)], In-House Procedure No. 1

Sample No.	Sample Location	Time On	Time Off	Av. Flow Rate	No. of Fields Counted	No. of Fibres Counted	Airborne Fibre Conc. (fibres/mL)
7335471-018	On rear wall adjacent removal area adjacent tap -	10:00	12:01	3000	100	0	< 0.01
7335471-019	On water tank adjacent removal area -	10:02	12:02	3000	100	0	< 0.01
7335471-020	On side wall adjacent removal area -	10:04	12:03	3000	100	0	< 0.01
7335471-021	Field Blank	-	-	-	100	0	-

Field blanks and samples taken in direct flow of negative air units are reported as a fibre count only

TDR = Filter too heavily loaded with background dust to read

The Detection Limit of the analytical method is 0.01 fibres/mL
The Work Health and Safety Act 2011 Control Level for all forms of asbestos is 0.01 fibres/mL
Worksafe Australia's recommended Exposure Standard for all forms of asbestos is 0.1 fibres/mL

[redacted]

Robson Approved Signatory

[redacted]

NATA No. 3181

[redacted]

Robson Approved Counter

[redacted]

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 standards

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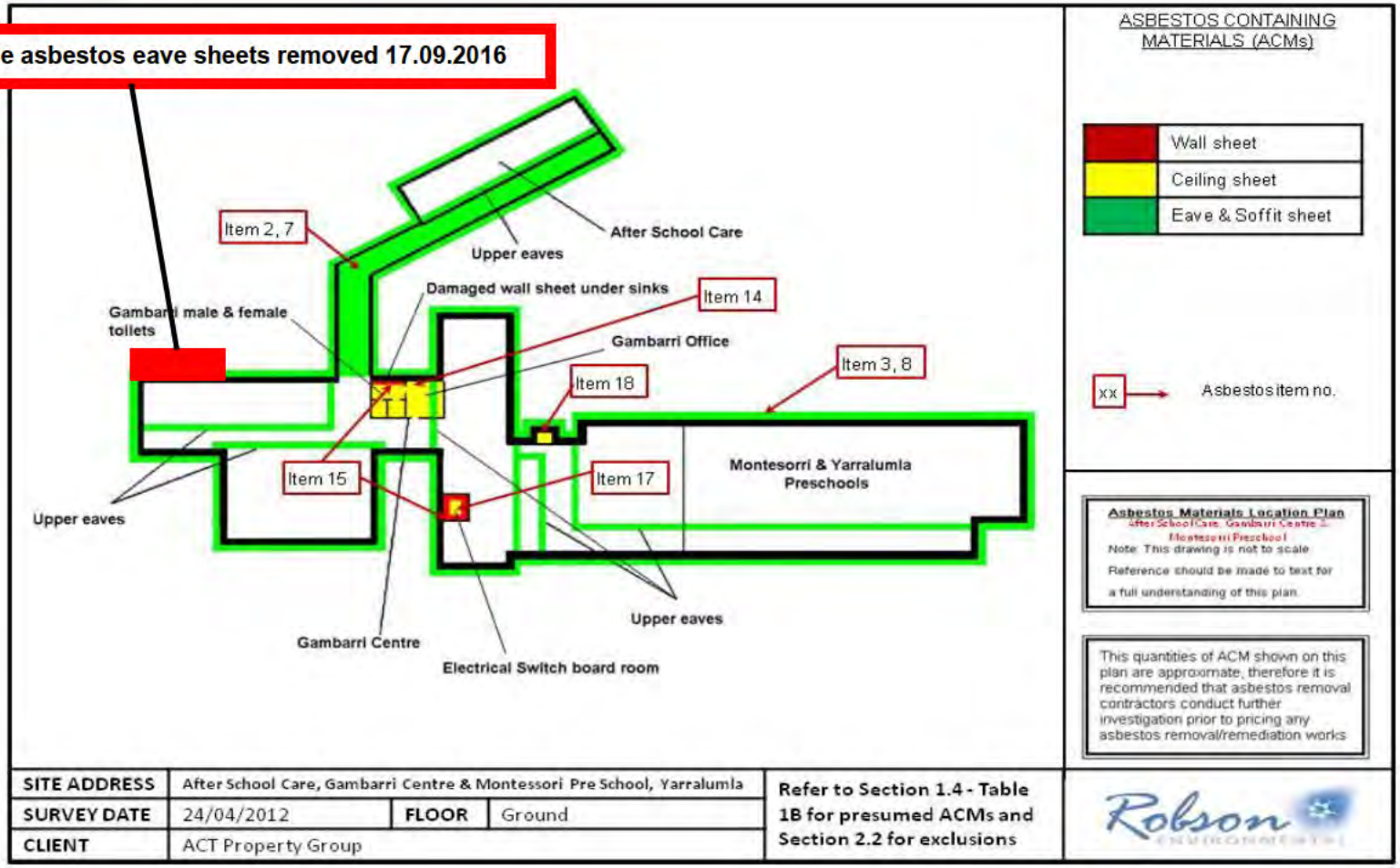
Appendix B – Photo(s)

Appendix C – Site Plan

4x non friable asbestos eave sheets removed 17.09.2016



SITE ADDRESS	After School Care, Gambarri Centre & Montessori Pre School, Yarralumla		Refer to Section 1.4 - Table 1B for presumed ACMs and Section 2.2 for exclusions
SURVEY DATE	24/04/2012	FLOOR: Ground	
CLIENT	ACT Property Group		