GETEX

Asbestos Building Materials Register

Penrith City Council

Anchor House – Penrith Regional Gallery
8 River Road
EMU PLAINS NSW 2750

Survey Date: 11 May 2018

Issue Date: 21 May 2018

Report Number: 10546.01.ASSR

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Document Control

Revision Number	Issue Date	Document Number	Author	Author Signature	Reviewer	Reviewer Signature
Revision 0	21/05/2018	10546.01.ASSR	Lee Hands BSc (Hons)		Kris Narayan BAppSc(EMT)	

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1. CLIENT DETAILS

Client: Penrith City Council
Client Contact: Kumar Rethnasamy
Client Address: PO Box 60
PENRITH NSW 2751

2. SITE DETAILS

Site Address: Anchor House – Penrith Regional Gallery
86 River Road
EMAU PLAINS NSW 2750
Date Surveyed: 11th May 2018
Surveyed By: Lee Hands BSc (Hons)
NSW Licensed Asbestos Assessor (Lic. No.: LAA001106)

3. SUMMARY OF FINDINGS

The following table provides a general overview of the asbestos identified on Site. Please refer to Section 8 for the Asbestos Register for more detail.

Location	Asbestos Identified	
	Friable Asbestos	Non-Friable Asbestos
Exterior	N/A	2 Occurrences
Interior	N/A	N/A
Ceiling Cavity	N/A	2 Occurrences

Table 3.1 – Summary of Asbestos Findings

Please note any areas that were not accessed (refer to Section 7 and the register in Section 8) may potentially contain asbestos and further investigation prior to refurbishment or demolition activities may be required.

4. SCOPE

Getex Pty Ltd was engaged by Kumar Rethnasamy of Penrith City Council to undertake an Asbestos Materials survey for the determination of the type, condition and extent of asbestos building materials that might be present on Site and to prepare an Asbestos Building Materials Register for the Site. The aim of the survey was to:

- Inspect all accessible areas of the building at the site and identify any suspected asbestos containing materials (ACMs);
- Sample materials suspected of containing asbestos;
- Compile an asbestos register for the site, and:
- Provide advice regarding the ongoing management of asbestos materials identified in the survey.

The Getex Asbestos Building Materials Register & Management Plan constitutes an Asbestos Register under the Safe Work Australia Code of Practice (How to Safely Remove Asbestos); the Code of Practice (How to Manage and Control Asbestos in the Workplace); and, the Code of Practice for the Management and Control of Asbestos in Workplaces [NOHSC: 2018 (2005)] which are approved under Section 274 of the Work Health and Safety Act 2011.

The Asbestos Building Materials Register is a list of building materials identified in the investigation that fall into one of these three categories:

1) The material was identified as Asbestos Containing;
2) The material was investigated and found not to contain Asbestos, or
3) The material was considered to be of a type that could be confused with asbestos containing building materials (e.g. fibre cement sheeting containing no asbestos).

Entries are presented within the register relating to each material that falls into one of the three categories listed above by area along with an example photo of the material.

5. GENERAL GUIDELINES FOR USE

Please follow these general guidelines in the use of this register:

1) Ensure that a copy of this register is available on Site and may be viewed by contractors working in the area. Copies of the register are to be supplied to any tenants on request.

2) If work is being conducted in a particular area identify all asbestos items within the register and ensure the relevant controls are followed by workers or contractors if working in the vicinity of the material e.g. do not drill, cut grind or sand.

3) Remove all identified asbestos materials from Site prior to demolition or refurbishment activities that may disturb the materials.

6. METHODOLOGY

All accessible areas of the building at the Site were thoroughly inspected for the determination of the type, condition and extent of asbestos building materials that might be present.

Where visual examination of a material proved to be inconclusive, samples were collected for laboratory analysis. Samples were collected by non-destructive and non-intrusive techniques where available.

Determination of materials containing or potentially containing asbestos were based on a visual examination and/or sampling and analysis.

All asbestos samples were analysed by Getex's NATA accredited Laboratory. Asbestos samples were analysed for the qualitative identification of asbestos type fibres in bulk using Polarised Light Microscopy and Dispersion Staining Techniques.

After the completion of the asbestos materials survey, a register was prepared outlining occurrences of asbestos materials in each asset, the condition of the asbestos the treatment option required and the priority of treatment. The Asbestos Building Materials Register details the location, description, type, condition, and risk priority of presumed or identified asbestos materials.

7. AREAS NOT ACCESSED

All reasonable effort was made to investigate the entire building. Where this was not possible due to restrictions caused by construction or safety, an entry is made within the register noting that the area has not been inspected and the reason for this. Such areas include, but are not limited to:

- Height restricted areas;
- Gas, electrical, chemical or pressurised service lines;
- Within service shafts, ducts and wall cavities;
- Areas obstructed by installed equipment; and
- Locked areas to which no key is available at the time of inspection.

Further investigation of these areas is required if refurbishment or demolition activities within these areas are to proceed.

8. ASBESTOS BUILDING MATERIALS REGISTER

How to Use this Register

Figure 1 below is an example entry in a typical register.

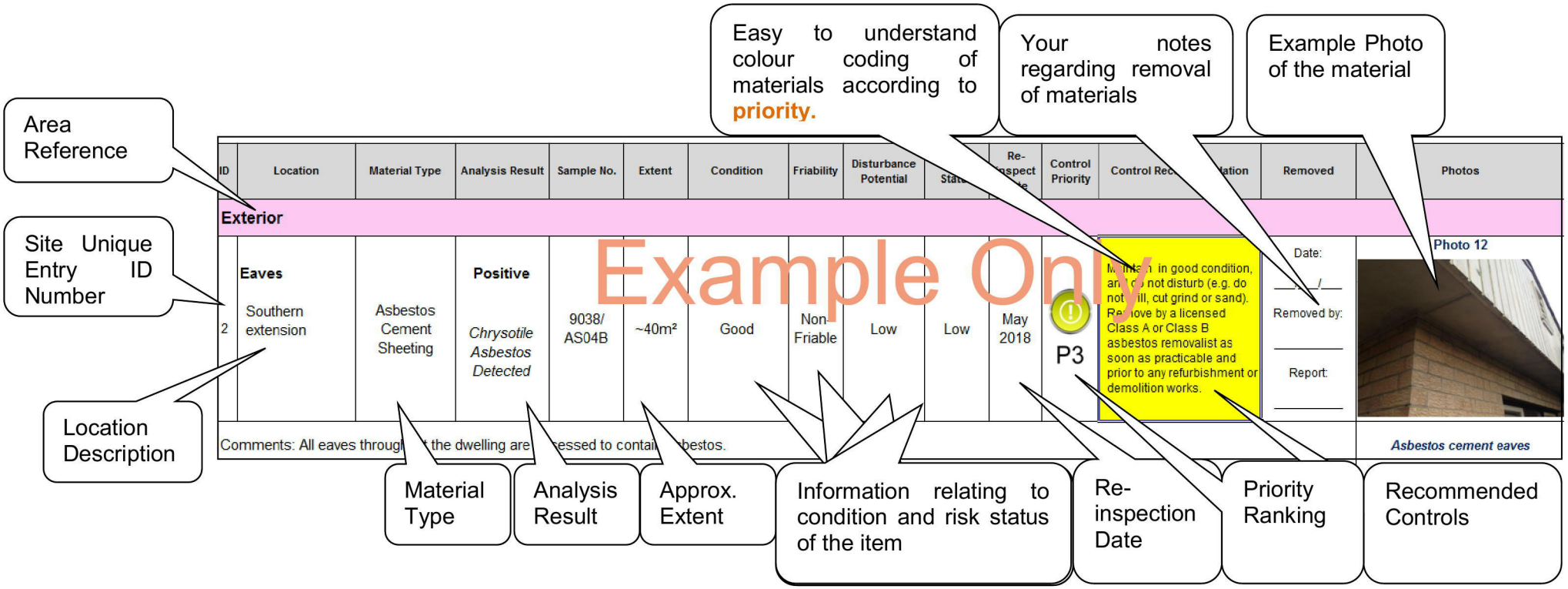


Figure 1 – Example Register Entry

ASBESTOS BUILDING MATERIALS REGISTER

Prepared by Getex

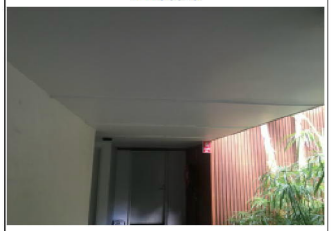
Anchor House - Penrith Regional Gallery

Site Address: 86 River Road
EMU PLAINS NSW 2750

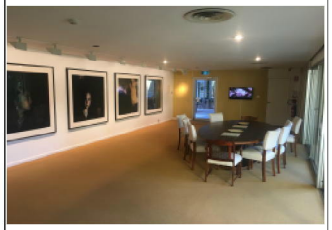
Consultant: Lee Hands BSc (Hons)
Investigated: 11 May 2018

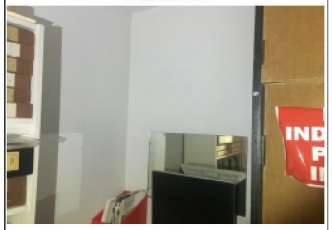
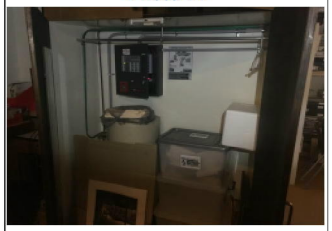
Asset Photo

ID	Location	Material Type	Sample No.	Analysis Result	Extent	Condition	Friability	Disturbance Potential	Risk Status	Re-inspect Date	Control Priority	Control Recommendation	Removed	Photos
Exterior														
1	**Eastern side** Awning - Ceiling	Fibre Cement Sheeting	10546/ AS02	**Negative** No Asbestos Detected	-	-	-	-	-	-	-	-	-	Photo 1 
														Fibre Cement Sheeting
2	**Northern side** Above awning - Weatherboards	Asbestos Cement Sheeting	-	**Assumed Positive** *Assumed to Contain Asbestos (Visually Assessed)*	~16m²	Good	Non-Friable	Low	Low	May 2021	P3	Label and maintain in good condition, and do not disturb (e.g. do not drill, cut grind or sand). Remove by a licensed Class A or Class B asbestos removalist as soon as practicable and prior to any refurbishment or demolition works.	Date: ___/___/___ Removed by: _____ Report: _____	Photo 2 
Comments: Not sampled due to access restrictions. Assumed to contain asbestos until proven otherwise.														***Asbestos Cement Sheeting***

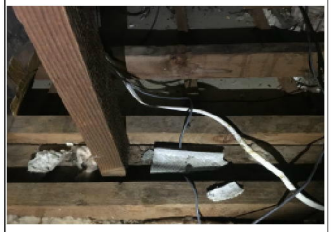
ID	Location	Material Type	Sample No.	Analysis Result	Extent	Condition	Friability	Disturbance Potential	Risk Status	Re-inspect Date	Control Priority	Control Recommendation	Removed	Photos
Exterior (Cont..)														
3	**Northern side** Awning - Ceiling	Asbestos Cement Sheeting	10546/ AS01	**Positive** *Chrysotile Asbestos Detected*	~48m²	Good	Non-Friable	Low	Low	May 2021	P3	Label and maintain in good condition, and do not disturb (e.g. do not drill, cut grind or sand). Remove by a licensed Class A or Class B asbestos removalist as soon as practicable and prior to any refurbishment or demolition works.	Date: ___/___/___ Removed by: _____ Report: _____	**Photo 3**  ***Asbestos Cement Sheeting***
4	**Southern side** Western end - Awning - Ceiling	Fibre Cement Sheeting	Same as Sample 10546/ AS02	**Negative** No Asbestos Detected (Assessed to be similar to previous sample)	-	-	-	-	-	-	-	-	-	**Photo 4**  ***Fibre Cement Sheeting***
5	**Western side** Northern end - Awning - Ceiling	Fibre Cement Sheeting	10546/ AS03	**Negative** No Asbestos Detected	-	-	-	-	-	-	-	-	-	**Photo 5**  ***Fibre Cement Sheeting***

ID	Location	Material Type	Sample No.	Analysis Result	Extent	Condition	Friability	Disturbance Potential	Risk Status	Re-inspect Date	Control Priority	Control Recommendation	Removed	Photos
Exterior (Cont..)														
6	**Western side** Northern end - Awning - Ceiling - Boards under plaster render	Fibre Cement Sheeting	10546/ AS04	**Negative** No Asbestos Detected	-	-	-	-	-	-	-	-	-	Photo 6  ***Fibre Cement Sheeting***
Interior														
7	**Bathroom** Behind wall tiles - Throughout	Not Determined	-	**Not Determined** *Area Not Accessed*	-	-	-	-	-	May 2019	-	Conduct investigation of wall panelling behind tiles prior to refurbishment or demolition works.	Date: ___/___/___ Removed by: _____ Report: _____	Photo 7  ***Bathroom Walls***
Comments: No access available at the time of inspection to the wall panels of the bathroom due to full coverage with tiles.														
8	**Commercial kitchen** Floor - Seamless vinyl	Seamless Vinyl	-	**Negative** No Asbestos Detected (Visually Assessed)	-	-	-	-	-	-	-	-	-	Photo 8  ***Seamless Vinyl***
Comments: Assessed to contain Synthetic Mineral Fibres.														

ID	Location	Material Type	Sample No.	Analysis Result	Extent	Condition	Friability	Disturbance Potential	Risk Status	Re-inspect Date	Control Priority	Control Recommendation	Removed	Photos
Interior (Cont..)														
9	**Gallery room** Throughout	Various	-	**Negative** No Asbestos Detected (Visually Assessed)	-	-	-	-	-	-	-	-	-	**Photo 9** 
														Gallery Room
10	**North-east room** Throughout	Various	-	**Negative** No Asbestos Detected (Visually Assessed)	-	-	-	-	-	-	-	-	-	**Photo 10** 
														North-Eastern Room
11	**North-eastern room** Eastern store room	Not Determined	-	**Not Determined** *Area Not Accessed*	-	-	-	-	-	May 2019	-	Conduct investigation of the room prior to refurbishment or demolition works.	Date: ___/___/___ Removed by: _____ Report: _____	**Photo 11** 
Comments: No access available at the time of inspection due to no known key being available on-site. Staff working at the Site informed Getex that the room may contain a bathroom.														***Eastern Store Room***

ID	Location	Material Type	Sample No.	Analysis Result	Extent	Condition	Friability	Disturbance Potential	Risk Status	Re-inspect Date	Control Priority	Control Recommendation	Removed	Photos
Interior (Cont..)														
12	**North-eastern room** Western store room - Wall panels - Throughout	Compressed Timber	-	**Negative** No Asbestos Detected (Visually Assessed)	-	-	-	-	-	-	-	-	-	**Photo 12**  ***Compressed Timber***
13	**South-eastern store room** Northern wall	Compressed Timber	-	**Negative** No Asbestos Detected (Visually Assessed)	-	-	-	-	-	-	-	-	-	**Photo 13**  ***Compressed Timber***
14	**South-eastern store room** Northern wall - Cupboard - Back panel	Compressed Timber	-	**Negative** No Asbestos Detected (Visually Assessed)	-	-	-	-	-	-	-	-	-	**Photo 14**  ***Compressed Timber***

ID	Location	Material Type	Sample No.	Analysis Result	Extent	Condition	Friability	Disturbance Potential	Risk Status	Re-inspect Date	Control Priority	Control Recommendation	Removed	Photos
Interior (Cont..)														
15	**Toilets** Throughout - Ceilings	Plaster Board	-	**Negative** No Asbestos Detected (Visually Assessed)	-	-	-	-	-	-	-	-	-	**Photo 15** 
														Plaster Board
Ceiling Cavity														
16	**Commercial kitchen** Southern wall panels (behind insulation wrap)	Compressed Timber	-	**Negative** No Asbestos Detected (Visually Assessed)	-	-	-	-	-	-	-	-	-	**Photo 16** 
														Compressed Timber
17	**Commercial kitchen** Upper ceiling surfaces - Insulation batts (including under insulation batts)	Insulation	-	**Negative** No Asbestos Detected (Visually Assessed)	-	-	-	-	-	-	-	-	-	**Photo 17** 
														Insulation

ID	Location	Material Type	Sample No.	Analysis Result	Extent	Condition	Friability	Disturbance Potential	Risk Status	Re-inspect Date	Control Priority	Control Recommendation	Removed	Photos
Ceiling Cavity (Cont..)														
18	**North-east room (access via south-west cupboard)** 1 metre west of manhole - Timber joist - Upper surface - Debris	Asbestos Cement Sheeting	-	**Positive** *Asbestos Detected (Visually Assessed)*	~0.5m²	Good/ Minor Damage	Non-Friable	Low	Low	May 2021	P3	Erect signage at the entrance to the area and restrict access. Remove by a licensed Class A or Class B asbestos removalist as soon as practicable and prior to any refurbishment or demolition works.	Date: ___/___/___ Removed by: _____ Report: _____	**Photo 18**  ***Asbestos Cement Sheeting***
19	**North-east room (access via south-west cupboard)** 1 metre west of manhole - Timber joist - Upper surface - Insulation debris contaminated with small fragments of asbestos cement material	Asbestos Cement Sheeting Debris	-	**Positive** *Asbestos Detected (Visually Assessed)*	~0.5m²	Moderate	Non-Friable	Low	Low	May 2021	P3 -	Erect signage at the entrance to the area and restrict access. Remove by a licensed Class A or Class B asbestos removalist as soon as practicable and prior to any refurbishment or demolition works.	Date: ___/___/___ Removed by: _____ Report: _____	**Photo 19**  ***Insulation with Asbestos Debris***
20	**North-east room (access via south-west cupboard)** Upper ceiling surfaces - Insulation batts (including under insulation batts)	Insulation	10546/ AS05	**Negative** No Asbestos Detected	-	-	-	-	-	-	-	-	-	**Photo 20**  ***Insulation***

9. RISK AND PRIORITY CALCULATION

To assess the health risk posed by the presence of asbestos materials, relevant factors have been considered:

Rating	Descriptor	Description
1	Insignificant	No illness will result as asbestos is stable; therefore there is little likelihood of inhaling fibres above normal ambient levels.
2-3	Minor	Local fibre release only and in amounts and fibre size that are unlikely to cause latent asbestos related illness.
4-6	Moderate	Asbestos may be unstable and could release fibres in the amount and size that may cause latent asbestos related illness.
7-8	Major	Asbestos is unstable and will release fibres in the amount and size that will cause latent asbestos related illness.
9	Catastrophic	Asbestos is highly friable and unstable, fibres will be released in size range and amount that are highly likely to cause latent asbestos related illness.

Table 9.1 - Consequence or Impact Rating Calculation

Rating	Descriptor	Description
9	Almost Certain	Is expected to occur in most circumstances – i.e. people regularly in the vicinity.
7-8	Likely	Will probably occur in most circumstances.
4-6	Possible	Could occur at any time.
2-3	Unlikely	Might occur at some time.
1	Rare	May occur only in exceptional circumstances.

Table 9.2 - Likelihood of Exposure Calculation

The above factors were considered for each individual occurrence of asbestos containing materials and were combined in the following Risk Calculator matrix in order to calculate the health risk of the asbestos containing material.

Consequence / Likelihood	9	7-8	4-6	2-3	1
9	High	High	High	Medium	Medium
7-8	High	High	Medium	Medium	Low
4-6	High	Medium	Medium	Medium	Low
2-3	High	Medium	Medium	Low	Low
1	Medium	Medium	Low	Low	Low

Table 9.3 - Risk Calculator

In accordance with the above methodology, risk is reported in this register using the following terms:

High
Medium
Low
Low

To assist with the management of your Site, each item in the register assessed to contain asbestos is assigned a Control Priority Rating of 1 to 4 as depicted by the icons below. All items in the register assessed to have a High risk are designated as Control Priority 1 (red icon below). Control Priority 2 (orange icon) items are considered to be Medium Risk. Control Priorities 3 and 4 (yellow and light-yellow icons) are considered to be Low Risk.

Please note that both priority 1 and 2 items pose an **unacceptable asbestos exposure health and safety risk** under present conditions. To **ensure that the site is safe for continued use**, these materials need to be remediated (as per controls recommended within the register) and an **Asbestos Clearance Certificate** obtained as per **your obligations under the Work Health & Safety Regulations 2011.**

As a general rule, Control Priorities 3 and 4 may remain in place provided they are not disturbed e.g. do not drill, cut, grind or sand. All asbestos materials on Site are to be managed in accordance with the Safe Work Australia Code of Practice (How to Safely Remove Asbestos); and the Code of Practice (How to Manage and Control Asbestos in the Workplace).

10. RECOMMENDATIONS

10.1 Recommendations by Priority

10.1.1 High Priority Recommendations (P1)

High priority items (Control Priorities P1) pose an unacceptable asbestos exposure health and safety risk under present conditions and require urgent remedial action.

P1 items are generally in poor to moderate condition and if asbestos are generally friable in nature. The risk to public health and safety posed by these items is considered to be extreme.

Some examples of P1 items are friable asbestos in dust and friable asbestos lagging debris.

Restrict access to areas containing P1 items immediately and erect signage at the entrances to the area. To ensure that the site is safe for continued use, these materials are to be remediated (as per controls recommended within the register) and a relevant Clearance Certificate obtained as per your obligations under the Work Health & Safety Regulations 2011 as soon as practicable.

If there is any significant delay in remediating these items, it is recommended that background monitoring be conducted in adjacent areas to assess the possible exposure pathways for airborne asbestos fibres and the suitability of these areas for normal activities to proceed.

10.1.2 Medium Priority Recommendations (P2)

Medium priority items (Control Priorities P2) also pose an unacceptable asbestos exposure health and safety risk under present conditions and require remedial action as soon as practicable.

P2 items are generally in poor to moderate condition though generally non-friable in nature. The risk to public health and safety posed by these items is considered to be significant. Some examples of P2 items are asbestos cement debris and asbestos cement sheeting in moderate condition.

Limit access to these areas as much as is practicable immediately and erect signage at the entrances to the area. To ensure that the site is safe for continued use, these materials are to be remediated (as per controls recommended within the register) and an Asbestos Clearance Certificate obtained as per your obligations under the Work Health & Safety Regulations 2011 as soon as practicable.

10.1.3 Low Priority Recommendations (P3 and P4)

P3

P4

Low Priority items listed in the register (Control Priorities P3 and P4) may remain in place provided they are not disturbed e.g. do not drill, cut, grind or sand.

In some cases, these materials may require sealing of damaged sections or unsealed edges. Please refer to the control measures for the relevant item for more information on how these materials are to be managed.

Some examples of P3 items are asbestos cement sheeting or asbestos vinyl tiles in good condition or with only minor damage. P4 items are by their placement restricted from any significant disturbance, for example, materials that are height restricted such as some asbestos eaves.

P3 and P4 items must be removed prior to any refurbishment or demolition activities within the relevant area.

10.1.4 Remedial Action

Remediated

Being familiar with the site, Getex can provide you with cost effective licensed asbestos remediation and an Asbestos Clearance Certificate to certify that the site is safe for continued use.

Please contact Getex on (02) 9889 2488 for further information on how Getex an assist in ensuring your site is safe with respect to asbestos.

10.2 General Management Recommendations

An Asbestos Management Plan (AMP) for the Site is to be prepared as per the Code of Practice for the Management and Control of Asbestos in Workplaces [NOHSC: 2018 (2005)].

The labelling of all asbestos containing materials (ACM) is recommended to warn of the dangers of disturbing these materials.

Getex recommends an annual reinspection of the ACM remaining on-site as well as to monitor their condition as per the Code of Practice Code of Practice (How to Manage and Control Asbestos in the Workplace) approved under the Work Health and Safety Act 2011.

It is essential that prior to any demolition or refurbishment activities, the relevant ACM be removed by a suitably qualified licensed Class A or Class B asbestos removalist. If additional suspected ACM are encountered cease all demolition or refurbishment activities pending further investigation by a suitably qualified occupational hygienist such as Getex.

Where asbestos-containing materials are likely to be affected during renovations or maintenance work, then their removal by an accredited/licensed asbestos removalist should

be considered prior to any work commencing, ensuring that the contractor has in place and can document their 'Asbestos Removal Control Plan' to safe guard against the release of asbestos fibres into the workplace.

All asbestos removal works must be done in accordance with the Safe Work Australia Code of Practice (How to Safely Remove Asbestos); and the Code of Practice (How to Manage and Control Asbestos in the Workplace).

Any material discovered that is suspected to be asbestos should be assumed to contain asbestos with relevant area(s) isolated until expert advice is obtained.

According to the Safe Work Australia Code of Practice (How to Safely Remove Asbestos); (p19) "Air monitoring is mandatory for all friable asbestos removal," and "Air monitoring should be considered where the asbestos removal work is being undertaken in or next to a public location".

Asbestos air monitoring should only be undertaken by an organisation NATA accredited for asbestos air monitoring and should be independent of the removal contractor.

Following removal of asbestos materials, the area must be assessed by a suitably qualified consultant and a clearance certificate issued subject to satisfactory assessment results.

Inspections of the identified asbestos materials should be undertaken every 5 years to ensure that the condition of the asbestos materials has not deteriorated and does not pose a risk to building occupants.

11. CONTROLS

1) This Asbestos Building Materials Register is to remain on site in a readily accessible location for perusal by interested parties at any time. It is of particular importance that this Asbestos Building Materials Register be updated following the removal and disposal of any asbestos materials or any changes in condition. If works are to involve items of suspect material not covered within the scope of this report it is recommended that confirmation of the material as containing/not containing asbestos takes place prior to refurbishment or demolition works.

2) All building occupants, visitors to the site, and in particular, service maintenance personnel are to be advised of asbestos materials management procedures in accordance with the Safe Work Australia Code of Practice (How to Manage and Control Asbestos in the Workplace).

3) Prior to any works being undertaken on the site it is important that the Asbestos Building Materials Register is reviewed. It is essential that all persons / tradespeople who are required to work on the building be notified about the presence of the asbestos materials in the identified areas and procedures required to be followed.

4) Regular inspections of the identified asbestos materials is to be undertaken (a minimum of every 5 years) to ensure that the condition of the asbestos materials has not deteriorated and does not pose a risk to building occupants.

5) Guidance noted in the Safe Work Australia Code of Practice (How to Safely Remove Asbestos); and the Code of Practice (How to Manage and Control Asbestos in the Workplace) should be followed for all asbestos containing materials.

6) Any material discovered that is suspected to be asbestos should be assumed to contain asbestos with relevant area(s) isolated until expert advice is obtained.

7) All asbestos removal/treatment works or other works which may disturb asbestos containing materials should follow an appropriate detailed work specific control strategy setting out the procedures and precautions that are to be taken to ensure health and safety with respect to asbestos hazards. The control strategy should include Safe Work Method Statements, an Asbestos Work Plan. Prior to undertaking such works it is recommended that the advice of a suitably qualified consultant, such as Getex Pty Ltd, be sought.

8) If any asbestos materials are to remain in place an appropriate ongoing asbestos management plan is to be prepared and implemented to ensure that the risks associated with these materials are controlled and maintained at an acceptable level.

9) All asbestos removal/treatment activities are to be undertaken by experienced and licensed asbestos removal contractor.

10) According to the Safe Work Australia Code of Practice (How to Safely Remove Asbestos); (p19) “Air monitoring is mandatory for all friable asbestos removal,” and “Air monitoring should be considered where the asbestos removal work is being undertaken in or next to a public location.”

11) Airborne asbestos monitoring is to be undertaken by an organisation NATA accredited for asbestos air monitoring and who is independent of the removal contractor.

12) Following removal of asbestos materials, the area is to be assessed by a suitably qualified consultant, such as Getex Pty Ltd, and a clearance certificate issued subject to satisfactory assessment results.

12. STATEMENT OF LIMITATIONS

Getex Pty Ltd and its staff members are professionally qualified and trained to achieve a suitable level of competency for the tasks undertaken.

Although all work is performed to a professional and diligent standard, the potential variance between the practical limitations of the scope of work undertaken, the cost of our services, all possible issues of concern, and any loss or damages which may be associated with our work are such that we cannot warrant that all issues of concern/asbestos materials have been identified. We therefore limit any potential liability associated with our work to the cost of our services.

All work conducted and/or reports/information produced by Getex Pty Ltd are prepared for a specific objective and within a specified scope of work as agreed between the Client and Getex Pty Ltd. As such this document is only for the use of the Client for the intended objective and may not be suitable for any other purpose. No parties other than the Client may use this document without first conferring with Getex Pty Ltd. Before passing this document onto a third party, the Client must inform the third party of any relevant information relating to this document. It is the responsibility of any party using this report to check to their satisfaction if this report is suitable for their intended use.

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Unless specifically mentioned, the inspection did not cover:

- Materials dumped, hidden, or otherwise placed in locations which one could not reasonably anticipate.
- Inaccessible/hidden locations, including wall cavities, under concrete slabs and lift wells.
- Materials other than standard building materials e.g. materials in special purpose facilities.
- Ground surface and underground areas.
- Mechanical, electrical or other items/materials not directly associated with the building structure.
- Materials other than asbestos as identification of a range of other possible hazardous substances can require specialised analysis/inspection techniques.

Where materials which may potentially contain asbestos are identified, these are reported to the best of the consultant's ability. Analysis/testing of materials is generally not included and there is no guarantee that all such materials have been identified.

The investigation conducted was limited in scope. As such, Getex Pty Ltd cannot guarantee that any or all asbestos materials/issues of concern, if present, have been identified as the practical restrictions of the program involved the inspection/review of a limited number of locations/materials which may or may not have identified/intercepted all asbestos materials if present. Furthermore, the distribution of dust, asbestos materials and/or other contaminants may vary with location and there can be no guarantee that a particular sample/location is typical of an extended area.

APPENDIX I

Sample Register & Asbestos Sample Analysis Report

SAMPLE REGISTER

Prepared by Getex

Sample No.	Material Type	Analysis Result	Area Reference	Location	Sample Location
10546/ AS01	**Asbestos Cement Sheeting**	**Chrysotile Asbestos Detected**	**Exterior**	**Northern side - Awning - Ceiling**	**The sample of asbestos cement sheeting was collected the north-west corner of the awning.**
10546/ AS02	Fibre Cement Sheeting	No Asbestos Detected	Exterior	Eastern side - Awning - Ceiling	The sample of fibre cement sheeting was collected from the south-west corner of the awning.
10546/ AS03	Fibre Cement Sheeting	No Asbestos Detected	Exterior	Western side - Northern end - Awning - Ceiling	The sample of fibre cement sheeting was collected from the south-east corner of the awning.
10546/ AS04	Fibre Cement Sheeting	No Asbestos Detected	Exterior	Western side - Northern end - Awning - Ceiling - Boards under plaster render	The sample of fibre cement sheeting was collected from 2 metres east of the south-west corner of the awning.
10546/ AS05	Insulation	No Asbestos Detected	Ceiling Cavity	North-east room (access via south-west cupboard) - Upper ceiling surfaces - Insulation batts (including under insulation batts)	The sample of insulation was collected was collected from the lower surfaces of the insulation batts 1 metre north of the manhole.

GETEX

ASBESTOS SAMPLE ANALYSIS REPORT

Report Number: 10546.01.ANAT
Issue Date: 18 May 2018

1. CLIENT DETAILS

Client Company: Penrith City Council
Client Contact: Kumar Rethnasamy
Client Address: PO Box 60
PENRITH NSW 2751
Date Samples Received: 29 November 2017

2. SCOPE

GETEX PTY LTD was requested by Kumar Rethnasamy of Penrith City Council to analyse five (5) samples for asbestos content. The analysis results only relate to the samples tested.

3. METHOD

The samples were analysed under a Stereomicroscope and selected fibres were analysed by Polarised Light Microscopy in conjunction with dispersion staining method (GETEX.BSA.01, NATA accreditation number 15404). This method is based on the AS 4964 -2004 Method for the qualitative identification of asbestos in bulk samples.

4. RESULTS

Sample Number	Description	Analysis Result
10546/AS01	Approximate dimensions 8mm x 6mm x 2.7mm. The sample consisted of a fragment of fibre cement material.	**CHR**
10546/AS02	Approximate dimensions 8mm x 6mm x 3.1mm. The sample consisted of a fragment of fibre cement material.	ORG, NAD
10546/AS03	Approximate dimensions 11mm x 4mm x 3.3mm. The sample consisted of a fragment of fibre cement material.	ORG, NAD
10546/AS04	Approximate dimensions 15mm x 9mm x 2.9mm. The sample consisted of a fragment of fibre cement material.	ORG, NAD
10546/AS05	Approximate dimensions 41mm x 38mm x 12mm. The sample consisted of a fragment of insulation like material.	SMF, NAD

LEGEND
CHR: Chrysotile Asbestos Detected, **AMO:** Amosite Asbestos Detected, **CRO:** Crocidolite Asbestos Detected, **SMF**: Synthetic Mineral Fibre Detected, **UMF:** Unknown Mineral Fibre Detected, **ORG:** Organic Fibres Detected, **NAD:** No Asbestos Detected

NATA
WORLD RECOGNISED ACCREDITATION

NATA Accredited Laboratory Number: 15404
The Results of the tests, calibratiions and/or measurements included in this document are traceable to Australian/national standards. Accredited for compliance with ISO/IEC 17025.

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Certified System
Quality
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5. LIMITATIONS

Although all work is performed to a professional and diligent standard, the potential variance between the practical limitations of the scope of work undertaken, the cost of our services, all possible issues of concern, and any loss or damages which may be associated with our work are such that we cannot warrant that all asbestos materials have been identified. We therefore limit any potential liability associated with our work to the cost of our services. Furthermore, there can be no guarantee that a particular sample is typical of an extended area.

Kind Regards,

Geronimo Abrot BScMEng
Approved Identifier

QA/QC check by:

Lee Hands BSc (Hons)
Approved Signatory