Pre-Refurbishment Hazardous Materials Survey Report

505 Wilson Street, North Eveleigh NSW

Prepared for: Environmental Earth Sciences Group

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For and on behalf of
ADE Consulting Group Pty Ltd

Prepared by:

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Reviewed & issued by:

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CONTENTS

Executive Summary

ADE Consulting Group Pty Ltd (ADE) was commissioned by Environmental Earth Sciences (EESI) to undertake a Pre-Refurbishment Hazardous Materials Survey at 505 Wilson Street, North Eveleigh NSW.

An original site survey was by Sanu Niraula and Zeyn Ismail carried out on the 17th of March 2015 and the reinspection for refurbishment purposes was undertaken on the 1st of July 2022 and 4th July 2022 by SafeWork NSW Licensed Asbestos Assessor Charly Golding (LAA001354), and Siddhartha Sapkota an environmental consultant, representing ADE Consulting Group Pty Ltd with further attendance on the 21st of July 2022 to collect additional samples at the client request.

Summary of Results

Table 1. Summary of report.

Hazardous Material	Identified (Yes / No)
Friable asbestos detected:	No
Bonded asbestos detected:	Yes
Lead-containing paints detected above 1000 mg/kg detected:	Yes
Lead-containing dust above 1500 mg/kg observed:	Yes
Synthetic mineral fibre products detected:	Yes
Capacitors with PCBs observed:	Yes

Refer to Hazardous Materials Register (Appendix A for detailed results).

General Recommendations

- It is a requirement that all controllers of premises provide all occupiers of their place of work with a copy of the Hazardous Materials Register and all associated updates in accordance with the NSW Code of Practice: How to manage and control asbestos in the workplace (2019).
- A copy of the Hazardous Materials Register should be made readily available to all contractors prior to conducting works on the premises/site.
- Should works be undertaken in any inaccessible areas/voids or within areas not explicitly listed in this report any suspected asbestos materials encountered should be inspected and sampled by an experienced environmental consultant. Works in the area should be suspended until the results are made available.
- Remove all hazardous materials identified prior to refurbishment / demolition of an area.

Refer to section 4 for full recommendations on identified Hazardous Building Materials.

Asbestos Containing Material (ACM)

Asbestos containing materials were identified and presumed in the following locations:

Location	Material	Risk score	Recommendation
Chief Mechanical Engineers Building exterior Throughout exterior	Eaves	Low	Label the item in line with the Asbestos Management Plan (AMP) and the SafeWork NSW Code of Practice: How to Manage and Control Asbestos in the Workplace (2019). Reinspect periodically. Maintain in current condition if to remain in situ, otherwise remove before refurbishment or demolition following the SafeWork NSW Code of Practice: How to Safely Remove Asbestos (2019);
Chief Mechanical Engineers Building Exterior Western exterior FC flue pipe Presume high level FC flue	FC flue pipe	Low	Label the item in line with the Asbestos Management Plan (AMP) and the SafeWork NSW Code of Practice: How to Manage and Control Asbestos in the Workplace (2019). Reinspect periodically. Maintain in current condition if to remain in situ, otherwise remove before refurbishment or demolition following the SafeWork NSW Code of Practice: How to Safely Remove Asbestos (2019);
Chief Mechanical Engineers Building exterior Roof High level panels to roofline	FC panels	Low	Label the item in line with the Asbestos Management Plan (AMP) and the SafeWork NSW Code of Practice: How to Manage and Control Asbestos in the Workplace (2019). Reinspect periodically. Maintain in current condition if to remain in situ, otherwise remove before refurbishment or demolition following the SafeWork NSW Code of Practice: How to Safely Remove Asbestos (2019);.
Chief Mechanical Engineers Building interior, level 1 21 High level wall lining	FC wall lining	Medium	Remove or label and enclose/encapsulate in line with the Asbestos Management Plan (AMP) by a Class A or B licensed asbestos removal contractor or remove prior to refurbishment or demolition.
Chief Mechanical Engineers Building interior, level 1 Northern room (kitchenette) High level wall lining	FC wall lining	Medium	Remove or label and enclose/encapsulate in line with the Asbestos Management Plan (AMP) by a Class A or B licensed asbestos removal contractor or remove prior to refurbishment or demolition.

Synthetic Mineral Fibre (SMF) Containing Materials

SMF containing materials were identified and presumed throughout the building – refer to APPENDIX II – Hazardous Materials Register.

Lead Paint Systems

Lead Paint Systems were identified and presumed throughout the building – refer to APPENDIX II – Hazardous Materials Register.

Lead containing dust (LCD)

Lead containing dust was identified and presumed throughout the building – refer to APPENDIX II – Hazardous Materials Register.

Polychlorinated Biphenyls (PCBs)

The electrical transformers located throughout the building may contain PCBs. PCB containing materials are to be removed prior to any renovation or demolition works that may cause their disturbance and be disposed of at an appropriately licensed waste facility. If the PCB concentration is above the threshold concentration for PCBs scheduled waste (i.e. greater than 50 milligrams per kilogram), the waste must be also be transported by a suitably licensed contractor. For further details on this, contact the NSW EPA – refer to APPENDIX II – Hazardous Materials Register for full locations.

1 Introduction

1.1 Background

ADE Consulting Group Pty Ltd (ADE) was commissioned by Environmental Earth Sciences Group to undertake an Asbestos Materials Pre-Demolition Survey (HMPRS) of the building located at 505 Wilson Street, North Eveleigh NSW the site inspection was carried out on the 1st of July 2022 and 4th July with further sampling undertaken on the 21st of July 2022 (herein referred to as "the site").

The purpose of the survey was to identify and reinspect the condition of hazardous materials at the site. The results of the survey and the respective Hazardous Materials Register are provided in this report (Please refer to Appendix A - Hazardous Materials Register).

An original site survey was by Sanu Niraula and Zeyn Ismail carried out on the 17th of March 2015 and the reinspection for refurbishment purposes was undertaken on the 1st of July 2022 and 4th July 2022 by SafeWork NSW Licensed Asbestos Assessor Charly Golding (LAA001354), and Siddhartha Sapkota an environmental consultant, representing ADE Consulting Group Pty Ltd.

For the purpose of this report hazardous materials are limited to:

- Asbestos Containing Material (ACM);
- Synthetic Mineral Fibres (SMFs);
- Lead Based- Paint;
- Lead Containing Dust (LCD);
- Polychlorinated Biphenyls (PCBs).

To ensure its contextual integrity, this report must be read in its entirety and should not be copied, distributed or referred to in part only.

1.2 Scope of Work

The scope of work included the following:

- Develop a site-specific Safety, Health & Environmental Work Method Statement prior to undertaking survey;
- Inspection of the areas of concern at the site;
- Reinspection of the condition of identified materials suspected of containing asbestos, lead in paint, synthetic mineral fibres and polychlorinated biphenyls in light fittings, lead containing dust;
- Collect representative samples of the suspected hazardous materials and submit them to be analysed by a testing laboratory which was NATA accredited for the required analyses;
- Where suspected, the accessible hazardous materials were sampled or presumed to be present in inaccessible areas and / or where other hazards were present (e.g. where electrical hazards were present);
- Provide recommendations for the removal of the hazardous materials identified or control measures strategies where the removal of the hazardous materials was not practical; and
- Prepare an updated Hazardous Materials Register for the site to ensure compliance with the relevant legislation

No survey can be guaranteed to locate all hazardous materials at a specific site. The demolition or refurbishment of site structures may uncover hazardous materials which were concealed or otherwise impractical to access during this assessment.

Table 1. Summary of Site Information.

Site details	
Client Name:	Environmental Earth Sciences Group
ADE Project Number:	22.0684.00
Site address:	505 Wilson Street, North Eveleigh NSW
Date of Field Work:	1st and 4th and 21st of July 2022
Date of Report:	26 July 2022
Inspected areas/ (interior and exterior)	Throughout the building except the areas detailed below (Refer to Appendix I – Aerial Photograph & Appendix II – Photographs).

Inaccessible areas:

- In set ceilings or wall cavities;
- Those areas accessible only by dismantling equipment or performing minor localised demolition works;
- Service shafts, ducts etc., concealed within the building structure;
- Voids or internal areas of plant, equipment, air-conditioning ducts, etc.;
- Totally inaccessible areas such as voids and cavities created and intimately concealed within the building structure (these voids are only accessible during major demolition works);
- Height restricted areas e.g roof;
- Ceiling void located within the level one, kitchenette due to unsafe access ceiling is approx. 5 meters high and both ceiling and floor are very water soaked unsafe for EWP; and
- Limited inspection throughout floor void on the ground and first floor visually observed lead dust in visible areas of the subfloor.

2 Survey Methodology

2.1 Sampling Strategy

Pre-refurbishment Hazardous Material surveys are performed using a risk assessment approach in agreement with the legal regulations and current Codes of Practice. The hazmat surveys involve the site identification and inspection of Asbestos Containing Materials (ACM), Synthetic Mineral Fibres (SMF), lead based paint systems, Lead Containing Dust (LCD), Polychlorinated Biphenyls (PCBs).

The hazmat consultant performs a visual inspection within all accessible areas to identify the hazardous building materials. When the hazmat consultant suspects a potentially hazardous building material, a sample of the material is collected and send to a NATA accredited laboratory for the required analysis. Where identical suspected hazardous materials were detected at different locations, only visual confirmation is made rather than the collection of additional samples. The following observations are recorded at the time of the inspection:

- Location;
- Description;
- Quantity;
- Condition; and
- Friability (where applicable).

ADE understand that all identified hazardous building materials will be accessible during the demolition or refurbishment works.

2.2 Hazardous Building Materials Identification

2.2.1 Asbestos Containing Materials (ACM)

Following the visual inspection, the hazmat consultant collects samples of the typical suspected asbestos containing materials. These samples are sent to a NATA accredited laboratory for identification analysis. The laboratory certificate of analysis provides the results in regards of the presence or absence of asbestos, the type of asbestos and the presence or absence of Synthetic Mineral Fibres.

Dust samples are to be collected by the hazmat consultant only in those cases where dust is observed near to a suspected asbestos containing material. Where no asbestos source is observed or suspected at the time of the inspection, no dust sample is collected for asbestos identification.

2.2.2 Synthetic Mineral Fibres (SMF) containing materials

The Code of Practice for Safe Use of Synthetic Mineral Fibres [NOHSC:2006(1990)], is currently archived. The current guidelines to consult for the management of SMF are:

- NSW SafeWork information guide on the safe management of synthetic mineral fibres (SMF) – glasswool and rockwoo[16]; and

- NSW SafeWork guide to handle refractory ceramic fibres[17].

Synthetic Mineral Fibres is a term to describe a fibrous product artificially manufactured from mineral raw materials into a fibrous "Woolen" product used for insulation. SMF can be classified into three groups: Glasswool, Rockwool and Refractory Ceramic Fibres (RCF).

Glasswool is manufactured by melting glass into a fibrous "wool", and Rockwool is manufactured by melting volcanic rock into fibrous "wool". Glasswool and rockwool are used as thermal, acoustic and electrical insulation in many materials in buildings.

Refractory ceramic fibres (RCF) are made from Kaolin and are used in industrial sites for high performance thermal insulation in furnaces, kilns and industrial heaters. RCF are not likely to be present in commercial sites, residential premises or public buildings. Therefore, in this hazmat survey SMF refers to glasswool and rockwool materials only.

The suspected SMF containing materials are visually inspected by the hazmat consultant and documented during the inspection and in the report.

No dust samples are collected for SMF identification. However, positive SMF fibres in dust may be revealed from laboratory results for asbestos in dust identification analysis. SMF fibres in dust are understood to be friable SMF.

2.2.3 Lead Based- Paint

Different paint systems are initially tested using a field "LeadCheck" testing kit. Paint systems that tested positive to the LeadCheck or are suspected to contain lead are sampled and submitted to a NATA accredited testing laboratory. *AS 4361.2 (2017) Guide to Hazardous Paint Management, Part 2: Lead Paint in Residential, Public and Commercial Buildings;* [8] defines lead paint in which the lead content (calculated as lead metal) is greater than 0.1 percent by weight of the dry film.

2.2.4 Lead Containing Dust (LCD)

Where significant amounts of dust are observed at the time of the inspection dust samples are collected by the hazmat consultant. For this survey, significant amounts are to be understood as the dust quantity equal or greater than 1 gram per 0.1 square meter.

Sampling is conducted in accordance with the methods outlined with *AS4874 – 2000 Guide to the Investigation of Potentially Contaminated Soil and Deposited Dust as a Source of Lead Available to Humans;*[9]. The collected samples are submitted to a NATA accredited laboratory for lead analysis. As per the [13]National Environment Protection Measure Schedule B7, Derivation of Health Based Investigation Levels[13], for industrial and commercial sites, lead in soil at the concentration greater than 1500mg/kg will require further appropriate health investigation and evaluation assessment.

2.2.5 Polychlorinated Biphenyls (PCBs)

For de-energized premises, all accessible fluorescent light fittings are visually inspected for the PCB's containing capacitors or PCB's containing ballasts listed in Scheduled Waste Management: Identification of PCB-Containing Capacitors - [10]*ANZECC (1997) Identification of PCB-containing Capacitors: An Information Booklet for Electricians and Electrical Contractors;*)[10].

For energized premises, capacitors and ballast direct inspection is not possible due to the electrical hazard. Under these circumstances, all fluorescent light fittings should be treated as potentially containing PCB capacitors until proven otherwise.

2.3 Definitions

Friable asbestos: Asbestos containing material that breaks and crumbles by hand pressure.

Friable asbestos in good condition: Friable asbestos within a fully sealed enclosure in good condition. For example, asbestos containing insulation inside a fire door being the fire door in good condition.

Friable asbestos in fair condition: Friable asbestos within an enclosure fair condition or partially sealed. For example, asbestos containing insulation inside a fire door being the fire door broken in small areas or asbestos containing fuses being the fuses in good condition.

Friable asbestos in poor condition: Exposed friable asbestos. For example, loose asbestos insulation or loose woven materials, dust containing asbestos fibres, asbestos containing insulation inside a fire door being the door heavily damaged and exposing the insulation.

Non-Friable (bonded) asbestos: Asbestos containing material that is mixed and bonded within a matrix with other materials.

Non-Friable asbestos in good condition: Asbestos containing materials within a bonded matrix in good condition. For example, unbroken asbestos containing compressed cement sheeting.

Non-Friable asbestos in fair condition: Asbestos containing materials within a bonded matrix in fair condition. For example, asbestos containing compressed cement sheeting with cracks and broken edges.

Non-Friable asbestos in poor condition: Asbestos containing materials within a bonded matrix in poor condition. For example, asbestos containing compressed cement debris.

Friable SMF: Unbonded glasswool and rockwool insulation with no adhesives, loose material packed into a package. Friable SMF can be packed loose and mixed with adhesives during installation. There are three main types of unbonded glasswool and rockwool materials:

- Wet Spray: Where glasswool and rockwool SMF fibres are mixed with cement and sprayed as fire protection in multi-storey buildings.
- Loose-fill: Where the glasswool and rockwool SMF material is sprayed into ceiling and cavity spaces of buildings
- Dry Spray: When the glasswool and rockwool SMF densely packed material is blown dry into a closed stud cavity. This method should only occur where the target area is enclosed to prevent the release of loose fibres. For example, SMF dry sprayed in wall cavities and loose fill insulation retrofit.

Friable SMF in good condition: Friable glasswool and rockwool SMF insulation within an enclosure in good condition. For example, SMF insulation pillows being the pillow cases in good condition.

Friable SMF in fair condition: Friable glasswool and rockwool SMF insulation within an enclosure fair condition. For example, SMF insulation pillows being the pillow cases broken in small areas. Also wet sprayed SMF insulation.

Friable SMF in poor condition: Exposed friable glasswool and rockwool SMF insulation. For example, dust containing SMF fibres, Friable glasswool and rockwool SMF insulation within a heavily damaged enclosure exposing the insulation.

Non-Friable SMF: Bonded glasswool and rockwool SMF insulation containing binding agents such adhesives or cements that have been cured in the manufacturing process prior to packaging, delivery and installation. Bonded glasswool and rockwool SMF insulation has a specific shape such as in a batt or blanket form or as compressed boards. The presence of binding agents is that they significantly reduce fibre release during handling.

Non-Friable SMF in good condition: Bonded glasswool and rockwool SMF insulation batts or blankets that keeps its form.

Non-Friable SMF in fair condition: Bonded glasswool and rockwool SMF insulation batts or blankets that shows some minor deterioration due to age.

Non-Friable SMF in poor condition: Bonded glasswool and rockwool SMF insulation batts or blankets that shows major deterioration due to age.

Lead based paint: Lead based paint defined as paint with >0.1%w/w of lead, as per *AS 4361.2 (2017) Guide to Hazardous Paint Management, Part 2: Lead Paint in Residential, Public and Commercial Buildings;*[8].

Lead based paint in good condition: Lead based painted surfaces that shows no damage or deterioration signs. Stable paint system.

Lead based paint in fair condition: Lead based painted surfaces that shows minor damage such as flaking or delamination in small areas.

Lead based paint in poor condition: Lead based painted surfaces that shows major damage on most of the surface area.

Lead containing dust: Lead containing dust requiring further health investigation established as lead with >1500 mg/kg, as per the National Environment Protection Measure Schedule B7, Derivation of Health Based Investigation Levels; [13].

Polychlorinated Biphenyls (PCB) containing capacitors: PCBs containing capacitors listed in the *ANZECC (1997) Identification of PCB-containing Capacitors: An Information Booklet for Electricians and Electrical Contractors;*[10]. Also, capacitors with year of manufacture (YOM) prior to 1986 without sticker for PCB status as per described in Queensland Department of Environmental and Heritage Protection, Guideline Waste Management, Managing Polychlorinated biphenyl 2016[15].

Polychlorinated Biphenyls in good condition: PCB containing capacitors showing no leaks of the oil content.
Polychlorinated Biphenyls in poor condition: Leaking PCB containing capacitors.

2.4 Risk descriptors and Priority Rating

The descriptors listed below were used to calculate the risk to human health for the suspected asbestos containing materials observed during the survey.

2.4.1 Asbestos

Table 2. Asbestos Risk Descriptors

Type	Condition		
	Good	**Fair**	**Poor**
Friable asbestos	Low	High	High
Non-Friable asbestos (bonded)	Low	Medium	High
No Asbestos Detected NAD	Negligible	Negligible	Negligible

2.4.2 Synthetic Mineral Fibres

Table 3. SMF Risk Descriptors

Type	Condition		
	Good	**Fair**	**Poor**
Friable SMF	Low	Low	Medium
No Friable SMF (bonded)	Low	Low	Low
No SMF detected	Negligible	Negligible	Negligible

2.4.3 Lead Based Paint

Table 4. Lead Based Paint Risk Descriptors

Lead concentration	Condition		
	Good	Fair	Poor
Lead based paint (>0.1%w/w of lead)	Low	Medium	High
Non-Lead based paint (=<0.1%w/w of lead)	Negligible	Negligible	Negligible

2.4.4 Lead Containing Dust

Table 5. Lead Containing Dust Risk Descriptors

Lead concentration	Condition
	Poor
Dust with >1500 mg/kg of lead	Medium
Dust with =<1500 mg/kg of lead	Low

2.4.5 Polychlorinated Biphenyls

Table 6. Polychlorinated Biphenyls Risk Descriptors

Capacitor type	Condition	
	Good	Poor
PCB containing capacitors within the list ANZECC 1997	Low	High
Capacitor manufactured prior to 1986 without sticker	Low	High
Non-PCBs capacitors or Capacitors manufactured after 1986	Negligible	Negligible

3 Results Table

Table 8: The following table lists the identified or presumed Asbestos containing materials and associated recommendation.

Asbestos Containing Material (ACM)

Asbestos containing materials were identified and presumed in the following locations:

Location	Material	Risk score	Recommendation
Chief Mechanical Engineers Building interior, level 1 21 High level wall lining	FC wall lining	Medium	Remove or label and enclose/encapsulate in line with the Asbestos Management Plan (AMP) by a Class A or B licensed asbestos removal contractor or remove prior to refurbishment or demolition.
Chief Mechanical Engineers Building interior, level 1 Northern room (kitchenette) High level wall lining	FC wall lining	Medium	Remove or label and enclose/encapsulate in line with the Asbestos Management Plan (AMP) by a Class A or B licensed asbestos removal contractor or remove prior to refurbishment or demolition.
Chief Mechanical Engineers Building exterior Throughout exterior Presume eaves lining	Eaves	Low	Label the item in line with the Asbestos Management Plan (AMP) and the SafeWork NSW Code of Practice: How to Manage and Control Asbestos in the Workplace (2019). Reinspect periodically. Maintain in current condition if to remain in situ, otherwise remove before refurbishment or demolition following the SafeWork NSW Code of Practice: How to Safely Remove Asbestos (2019);
Chief Mechanical Engineers Building Exterior Western exterior FC flue pipe Presume high level FC flue	FC flue pipe	Low	Label the item in line with the Asbestos Management Plan (AMP) and the SafeWork NSW Code of Practice: How to Manage and Control Asbestos in the Workplace (2019). Reinspect periodically. Maintain in current condition if to remain in situ, otherwise remove before refurbishment or demolition following the SafeWork NSW Code of Practice: How to Safely Remove Asbestos (2019);
Chief Mechanical Engineers Building exterior Roof Presume High level panels to roofline	FC panels	Low	Label the item in line with the Asbestos Management Plan (AMP) and the SafeWork NSW Code of Practice: How to Manage and Control Asbestos in the Workplace (2019). Reinspect periodically. Maintain in current condition if to remain in situ, otherwise remove before refurbishment or demolition following the SafeWork NSW Code of Practice: How to Safely Remove Asbestos (2019);.

Synthetic Mineral Fibre (SMF) Containing Materials

SMF containing materials were identified and presumed throughout the building – refer to APPENDIX II – Hazardous Materials Register.

Lead Paint Systems

Lead Paint Systems were identified and presumed throughout the building – refer to APPENDIX II – Hazardous Materials Register.

Lead containing dust (LCD)

Lead containing dust was identified and presumed throughout the building – refer to APPENDIX II – Hazardous Materials Register.

Polychlorinated Biphenyls (PCBs)

The electrical transformers located throughout the building may contain PCBs. PCB containing materials are to be removed prior to any renovation or demolition works that may cause their disturbance and be disposed of at an appropriately licensed waste facility. If the PCB concentration is above the threshold concentration for PCBs scheduled waste (i.e. greater than 50 milligrams per kilogram), the waste must be also be transported by a suitably licensed contractor. For further details on this, contact the NSW EPA – refer to APPENDIX II – Hazardous Materials Register for full locations.

4 Conclusions and Recommendations

Recommendations for Asbestos

Risk	Type	Recommended Action
High Medium and Low	Friable Asbestos	Remove prior to refurbishment or demolition by a Class A licensed asbestos removal contractor who must notify SafeWork Australia. Air monitoring must be performed during and after the removal. Asbestos waste must be disposed as hazardous special asbestos waste to an authorized asbestos waste facility. Clearance is required following the asbestos removal. For further information refer to the *SafeWork NSW Code of Practice: How to Safely Remove Asbestos (2019);*[6]. .
High Medium and Low	Non- Friable Asbestos	Remove prior to refurbishment or demolition. If the amount of non-friable asbestos containing material is greater than 10 square metres (m^2), removal must be performed by a Class A or Class B licensed asbestos removal contractor who must notify SafeWork Australia. Air monitoring is not compulsory, but it is recommended during and after the removal. Asbestos waste must be disposed as hazardous special asbestos waste to an authorized asbestos waste facility. Clearance is required following the removal of greater than 10 square metres (m^2) of non-friable asbestos containing material. For further information refer to the *SafeWork NSW Code of Practice: How to Safely Remove Asbestos (2019);*[6].

Recommendations for SMF

Risk score	Hazmat material	Recommended Action
Low	Non-Friable SMF	Maintain in current condition if to remain in situ, otherwise remove prior to refurbishment or demolition as a preventive action to minimise the generation of fibres and dust during refurbishment or demolition works. Removal can be performed by a hazardous materials removal contractor. SafeWork Australia does not need to be notified. Air monitoring is not necessary. The material can be disposed as a General waste construction. Clearance is not required. For further information refer to the NSW SafeWork information guide on the safe management of synthetic mineral fibres (SMF) – glasswool and rockwoo

Recommendations for Lead

Risk score	Hazmat material	Recommended Action
High	Lead Based Paint System	It is recommended to remove structure, remove the paint system, or stabilize the paint system (if possible) prior to refurbishment or demolition as a preventive action to minimise the generation of airborne lead during refurbishment or demolition works. It is recommended to engage a hazardous materials removalist, or a contractor comply with the requirements for paint removal or paint stabilisation described in the AS4361.2.2017. The contractor may notify SafeWork Australia, depending on the removal method. Monitoring for airborne lead must be carried out during lead paint removal, stabilisation of the paint system (if possible) or demolition operations at the site. Refer to Clause 49, 50 and 402of the *Workplace Health and Safety (WHS) Regulation 2017*. As Lead based paint and waste containing lead-based paint is pre-classified as per the EPA guidelines as hazardous waste, dispose of as a hazardous waste at an appropriate NSW EPA licensed landfill. Clearance is required following the removal of lead-based paint systems. Visual inspection following the stabilisation and prior to demolition is recommended
Medium	Lead Based Paint System	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition It is recommended to engage a hazardous materials removalist, or a contractor comply with the requirements for paint removal or paint stabilization described in the AS4361.2.2017. The contractor may notify SafeWork Australia, depending on the removal method. Monitoring for airborne lead must be carried out during lead paint removal, stabilization of the paint system (if possible) or demolition operations at the site. Refer to Clause 49, 50 and 402of the *Workplace Health and Safety (WHS) Regulation 2017*. As Lead based paint and waste containing lead-based paint is pre-classified as per the EPA guidelines as hazardous waste, dispose of as a hazardous waste at an appropriate NSW EPA licensed landfill. Clearance is required following the removal of lead-based paint systems. Visual inspection following the stabilisation and prior to demolition is recommended
Low	Lead Based Paint System	Paint removal is not required. Maintain in current condition if to remain in situ, otherwise it is recommended to stabilise the surfaces by overpainting with a lead-free product prior to demolition or refurbishment. Visual inspection following the stabilisation and prior to demolition is recommended. It is suggested to engage hazardous materials removalist or contractor who comply with the requirements for paint stabilisation described in the AS4361.2.2017. SafeWork Australia does not need to be notified. Air monitoring is not required for the overpainting operation. However, Monitoring for airborne lead should be carried out during demolition. As waste containing lead-based paint is pre-classified as per the EPA guidelines as hazardous waste, dispose of as a hazardous waste at an appropriate NSW EPA licensed landfill. If removal of lead-based paint system is considered, please contact an occupational hygienist.
Medium and Low	Lead Containing Dust	Perform risk assessment to determine if necessary to remove the dust or to determine the necessary controls to prevent reaching unacceptable levels of respirable and inhalable dust, cross contamination and exposing people. Monitoring for airborne lead is compulsory refer to Clause 49, 50 and 402 of the *Workplace Health and Safety (WHS) Regulation 2017.* Dust and soil with lead concentrations below to 100 mg/kg can be disposed as a general waste. Dust and soil with lead concentrations above 100 mg/kg are to be disposed as hazardous waste at an appropriate NSW EPA licensed landfill or further waste classification analysis are to be performed. Clearance is recommended following the removal of lead containing dust

Recommendations for PCBs

Risk score	Hazmat material	Recommended Action
Low	Polychlorinated Biphenyls (PCB) containing capacitors	Remove PCBs containing capacitors, prior to demolition or refurbishment by a hazardous removal contractor. SafeWork Australia does not need to be notified. Air monitoring is not required. If the concentration of PCBs less than 50mg/kg it can be disposed as general solid waste. Otherwise dispose at an authorised PCB waste facility. Clearance is not required but a visual inspection prior demolition is recommended. For further information refer to the Code of Practice for the Safe Handling of Equipment Containing Polychlorinated Biphenyls, Electrical Contractor's Associations of Australia 1993 and EPA Waste Classification Guidelines Part 1.

Negligible risk score does not require any actions.

Appendix I – Hazardous Materials Register

Hazardous Materials Register - Chief Mechanical Engineers Building

Address: 505 Wilson Street, North Eveleigh NSW

Hygienist: Charly Golding
Hygienist: Siddhartha Sapkota

Inspection date:
Reinspection date:

Inaccessible Areas: Surface above 3m height
Building exterior, behind boarded windows
Building exterior, roof top
Roof space located within kitchenette
Building exterior, underneath building
Limited inspection throughout subfloor / floor void

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
Chief Mechanical Engineers Building Exterior																	
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	Western exterior	Eaves	White lead paint system	10	sq. m	Same as: 5457-Pb3	N/A	229,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	Throughout exterior	Eaves	FC eaves	50	Linear m	Unable to sample due to height	9	Presumed asbestos containing	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
21.07.2022	Chief Mechanical Engineers Building exterior	Throughout exterior	Window frames surround	White lead paint system	60	sq. m	Pb1	10	47320 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition.	Prior to refurbishment				
21.07.2022	Chief Mechanical Engineers Building exterior	Throughout exterior	Walls and metal rain water goods	Beige lead paint system	400	sq. m	Pb2	11	80850 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition.	Prior to refurbishment				
21.07.2022	Chief Mechanical Engineers Building exterior	Throughout exterior	Metal support poles to awning	Green lead paint system	40	Linear m	Pb3	12	8895 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition.	Prior to refurbishment				
21.07.2022	Chief Mechanical Engineers Building exterior	Throughout exterior	Window frame	Green lead paint system	80	Linear m	Pb4	10	14685 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	Throughout exterior	Windowsills	Light brown lead paint system	40	sq. m	Rpb4	1	3,248 mg/kg	Good	Low	Paint removal is not required. Maintain in current condition if to remain in situ, otherwise it is recommended to stabilise the surfaces by overpainting with a lead-free product prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	Western exterior	Throughout	Lead containing soil	Throughout	N/A	8828-CME-Pb5	N/A	3,200 mg/kg	Poor	High	Restrict access. Remove lead containing soil as soon as practicable. Wear appropriate PPE when handling lead soil. Conduct airborne lead monitoring during removal works. Presumed to still remain within the building surround no clearance provided.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	Western exterior	FC flue pipe	Presume high level FC flue	1	sq. m	Unable to sample due to height	8	Presumed asbestos containing	Good	Low	Label the item in line with the Asbestos Management Plan (AMP) and the SafeWork NSW Code of Practice: How to Manage and Control Asbestos in the Workplace (2019). Reinspect periodically. Maintain in current condition if to remain in situ, otherwise remove before refurbishment or demolition following the SafeWork NSW Code of Practice: How to Safely Remove Asbestos (2019);	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	Throughout exterior	Eaves	White lead paint system	60	Linear m	Same as: 5457-Pb3	N/A	229,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	Throughout exterior	Timber fascia	White lead paint system	40	Linear m	Same as: 5457-Pb3	N/A	229,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	South eastern exterior	Eastern and southern exterior, top of floor	Lead containing soil	Throughout	N/A	8828-CME-Pb3	9	11,000 mg/kg	Poor	High	Restrict access. Remove lead containing soil as soon as practicable. Wear appropriate PPE when handling lead soil. Conduct airborne lead monitoring during removal works. Presumed to still remain within the building surround no clearance provided.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	South eastern exterior (sun room)	Ceiling lining	Presumed PCBs	1	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
04.07.2022	Chief Mechanical Engineers Building exterior	South east entrance (sunroom)	Ceiling lining	FC ceiling	6	sq.m	Rasb8	N/A	No asbestos detected	Good	Negligible	No asbestos detected. No further action required.	N/A				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	Southern exterior	Air conditioning system (interior)	Presumed to contain SMF insulation	1	count	No sample possible due to electrical hazard	N/A	Presumed to contain SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	Roof	High level panels to roofline	FC panels	6	sq.m	Unable to sample due to height	9	Presumed asbestos containing	Good	Low	Label the item in line with the Asbestos Management Plan (AMP) and the SafeWork NSW Code of Practice: How to Manage and Control Asbestos in the Workplace (2019). Reinspect periodically. Maintain in current condition if to remain in situ, otherwise remove before refurbishment or demolition following the SafeWork NSW Code of Practice: How to Safely Remove Asbestos (2019);	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building exterior	Southern exterior	Metal pipe	Bitumen wrap	2	Linear m	Rasb9	N/A	No asbestos detected	Good	Negligible	No asbestos detected. No further action required.	N/A				
04.07.2022	Chief Mechanical Engineers Building exterior	North western balcony	Balcony doors and windows	Putty	4	Linear m	Rasb7	N/A	No asbestos detected	Good	Negligible	No asbestos detected. No further action required.	N/A				
Chief Mechanical Engineers Building Interior, Ground Level																	

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
06.03.2015	Chief Mechanical Engineers Building interior, ground level	Throughout ground floor	Top of floor	Lead containing dust	Throughout	N/A	Same as: 5457-Pb8	10	3,100 mg/kg	Poor	High	Restrict access. Remove lead containing dust as soon as practicable. Wear appropriate PPE when handling lead dust. Conduct airborne lead monitoring during removal works.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Throughout ground floor	Internal doors	Pink lead paint system	50	sq.m	Same as: Rpb4	15	3,248 mg/kg	Fair	Medium	Seal flaking edges . Conduct Airborne Lead Monitoring during encapsulation works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
04.07.2022	Chief Mechanical Engineers Building interior, ground level	Throughout ground floor	Within accessible subfloor	Lead containing dust	Throughout	N/A	Rpb1	10	17,000 mg/kg	Poor	High	Restrict access. Remove lead containing dust as soon as practicable. Wear appropriate PPE when handling lead dust. Conduct airborne lead monitoring during removal works.	Prior to refurbishment				
04.10.2012 / 06.03.2015	Chief Mechanical Engineers Building interior, ground level	1	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
04.10.2012 / 06.03.2015	Chief Mechanical Engineers Building interior, ground level	1	All walls (upper)	Beige lead paint system	100	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	1	All walls (lower)	Turquoise lead paint system	30	sq. m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	1	Window trim	White lead paint system (undercoat)	30	sq.m	Same as: 5457-Pb6	N/A	353,300	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	1	Air conditioning system (interior)	Presumed to contain SMF insulation	1	count	No sample possible due to electrical hazard	N/A	Presumed to contain SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	1	Safe internal insulation	Presumed asbestos internal insulation	1	count	No sample possible due to electrical hazard	7	Presumed to contain SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	2	Ceiling lining	Beige lead paint system	20	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	2	Ceiling lining (second ceiling)	SMF containing ceiling tiles	2	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	Reinspection on 01.07.2022 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tile is still present on site. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	2	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	2	All walls, timber trim	Turquoise lead paint system	40	sq.m	Same as: 5457- Pb5	N/A	377,300	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	3	Ceiling lining	Beige lead paint system	20	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	3	Ceiling lining (second ceiling)	SMF containing ceiling tiles	2	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	Reinspection on 01.07.2022 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tiles are still present on site. Remove prior to demolition or refurbishment.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	3	Fluorescent light fittings	Presumed PCBs	6	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	3	All walls, timber trim	Turquoise lead paint system	40	sq.m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	4	Ceiling lining	Beige lead paint system	20	sq.m	Same as: 5457-Pb7	N/A	93100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	4	Ceiling lining (second ceiling)	SMF containing ceiling tiles	1	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 06.03.2015 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tile is still present on site. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	4	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	4	All walls, timber trim	Turquoise lead paint system	40	sq.m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	5	Ceiling lining	Beige lead paint system	20	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	5	Ceiling lining (second ceiling)	SMF containing ceiling tiles	2	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 01.07.2022 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tile is still present on site. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	5	Ceiling lining (second ceiling)	SMF containing ceiling tiles	~~20~~ 1	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 01.07.2022 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tile is still present on site. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	5	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	5	All walls, timber trim	Turquoise lead paint system	40	sq.m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	6	Ceiling lining	Beige lead paint system	20	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	6	Ceiling lining (second ceiling)	SMF containing ceiling tiles	2	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 01.07.2022 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tiles are still present on site. Remove prior to demolition or refurbishment	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	6	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	6	All walls, timber trim	Turquoise lead paint system	40	sq.m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	6	Air conditioning system (interior)	Presumed to contain SMF insulation	1	count	No sample possible due to electrical hazard	N/A	Presumed to contain SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	7	Ceiling lining	Beige lead paint system	20	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	6	Electrical wiring	Cable wrap	20	Linear m	Rasb2	N/A	No asbestos detected	Good	Negligible	No asbestos detected. No further action required.	N/A				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	7	Ceiling lining (second ceiling)	SMF containing ceiling tiles	1	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 01.07.2022 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tile is still present on site. Remove prior to demolition or refurbishment.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	7	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	7	All walls, timber trim	Turquoise lead paint system	40	sq.m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	8	Ceiling lining	Beige lead paint system	20	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	8	Ceiling lining (second ceiling)	SMF containing ceiling tiles	1	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 01.07.2022 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tile is still present on site. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, subfloor	Throughout ground floor	Damp proof course	Slate	50	sq.m	Rasb7	N/A	No asbestos detected	Fair	Negligible	No asbestos detected. No further action required.	N/A				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	8	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	8	All walls, timber trim	Turquoise lead paint system	40	sq.m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	9	Ceiling lining	Beige lead paint system	20	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	9	Ceiling lining (second ceiling) and top of floor	SMF containing ceiling tiles	1	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 01.07.2022 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tile is still present on site. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	9	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	9	All walls, timber trim	Turquoise lead paint system	40	sq.m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Southern rear entrance room	Ceiling lining	White lead paint system	5	sq. m	5457-Pb6	3	353,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Southern rear entrance room	Entrance door	Green lead paint system (white undercoat)	2	sq. m	Same as: 8828-CME-Pb1	N/A	>50,000 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Southern rear entrance room	Fluorescent light fittings	Presumed PCBs	1	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Southern rear entrance room	All walls	Beige lead paint system	10	sq.m	5457-Pb7	3	93,100 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Male toilet adjacent southern rear entrance room	Ceiling lining	White lead paint system	5	sq. m	Same as: 5457-Pb6	3	353,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Male toilet adjacent southern rear entrance room	All walls	Beige lead paint system	10	sq.m	Same as: 5457-Pb7	3	93,100 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Female toilet adjacent southern rear entrance room	Ceiling lining	White lead paint system	5	sq. m	Same as: 5457-Pb6	3	353,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Female toilet adjacent southern rear entrance room	All walls	Beige lead paint system	10	sq.m	Same as: 5457-Pb7	3	93,100 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Storeroom beneath stairs	Ceiling lining, walls	Yellow (various undercoat) lead paint system	5	sq. m	Same as: 5457-Pb4	N/A	37,600 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	10	Ceiling lining	Beige lead paint system	20	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	10	Ceiling lining (second ceiling)	SMF containing ceiling tiles	~~20~~ 2	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 06.03.2015 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tiles are still present on site. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	10	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	10	All walls, timber trim	Turquoise lead paint system	40	sq.m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	10	Power distribution board	Presumed asbestos containing electrical backing board	1	sq.m	N/A	N/A	Presumed asbestos	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	11	Ceiling lining	White lead paint system	30	sq.m	Same as: 5457-Pb6	N/A	353,300 mg/kg	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	11	Hot water cylinder	Presumed SMF	1	Count	Presumed SMF	N/A	Presumed SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	11	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	11	All walls	Beige lead paint system	60	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	11	Floor (carpet)	Lead containing dust	30	sq.m	Same as: 5457-Pb8	N/A	3,100 mg/kg	Poor	High	Remove or thoroughly clean lead dust and associated materials ASAP. Conduct Airborne Lead Monitoring during removal works. Wear appropriate PPE if accessing room and handling lead products. Visual inspection on 06.03.2015 by ADE reveals that the carpet had been removed but lead containing dust is still remaining on top of floor.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	12	Ceiling lining	White lead paint system	30	sq.m	Same as: 5457-Pb6	N/A	353,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	12	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	12	All walls	Beige lead paint system	60	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	13	Ceiling lining	White lead paint system	30	sq.m	Same as: 5457-Pb6	N/A	353,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	13	Fluorescent light fittings	Presumed PCBs	8	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	13	All walls	Beige lead paint system	60	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	13	Power distribution board	Presumed asbestos containing electrical backing board	1	sq.m	unable to sample due to electrical hazard	N/A	Presumed asbestos	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	13	Floor	Paper back vinyl	1	sq.m	Rasb10	N/A	No asbestos detected	Good	Negligible	No asbestos detected. No further action required.	N/A				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	13a	Ceiling lining	White lead paint system	10	sq.m	Same as: 5457-Pb6	N/A	353,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	13a	Fluorescent light fittings	Presumed PCBs	2	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	13a	All walls	Beige lead paint system	25	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Hallway adjacent to room 13 (east-west)	Ceiling lining	SMF containing ceiling tiles	10	sq.m	Same as: 5457-Asb3	3	SMF	Poor	~~High~~	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 01.07.2022 by ADE reveals that the SMF containing ceiling tiles had been removed.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Hallway adjacent to room 13 (east-west)	All walls	Turquoise lead paint system	40	sq.m	Same as: 5457- Pb5	N/A	377,300	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Hallway adjacent to room 13 (east-west)	Floor (carpet)	Lead containing dust	30	sq.m	5457-Pb8	4	3,100 mg/kg	Poor	High	Remove or thoroughly clean lead dust and associated materials ASAP. Conduct Airborne Lead Monitoring during removal works. Wear appropriate PPE if accessing room and handling lead products. Visual inspection on 06.03.2015 by ADE reveals that the carpet had been removed but lead containing dust is still remaining on top of floor.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	North western front entrance	Ceiling lining	Beige lead paint system	10	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	North western front entrance	Fluorescent light fittings	Presumed PCBs	1	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Throghout ground floor	Window trim	White lead paint system (undercoat)	80	Linear m	Same as: 5457-Pb6	N/A	353300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	North western front entrance	All walls/ timber trim	Turquoise lead paint system	30	sq.m	Same as: 5457- Pb5	N/A	377300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Toilet adjacent north western front entrance	Fluorescent light fittings	Presumed PCBs	1	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	North-south hallway via northern entrance (northern section only)	Ceiling lining	Beige lead paint system	40	sq.m	Same as: 5457-Pb7	N/A	93100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	North-south hallway via northern entrance (northern section only)	Fluorescent light fittings	Presumed PCBs	2	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	North-south hallway via northern entrance (northern section only)	All walls	Turquoise lead paint system	30	sq.m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	North eastern front entrance	Fluorescent light fittings	Presumed PCBs	1	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	North eastern front entrance	All walls	Turquoise lead paint system	30	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead products.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	North eastern front entrance	Ceiling lining	Beige lead paint system	10	sq.m	Same as: 5457-Pb6	N/A	353,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Toilet adjacent to north eastern enterance	Fluorescent light fittings	Presumed PCBs	1	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Main hallway	Ceiling lining	Beige lead paint system	100	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	~~Fair~~ Poor	~~Medium~~ High	~~Seal flaking edges . Conduct Airborne Lead Monitoring during encapsulation works. Wear appropriate PPE when handling lead.~~ Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Main hallway	Ceiling lining (second ceiling)	SMF containing ceiling tiles	40	sq.m	Same as: 5457-Asb3	3	SMF	Poor	~~High~~	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 06.03.2015 by ADE reveals that the SMF containing ceiling tiles had been removed.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Main hallway	Fluorescent light fittings	Presumed PCBs	7	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Main hallway	All walls	Turquoise lead paint system	200	sq.m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, ground level	Main hallway	Power distribution board	Presumed asbestos containing electrical backing board	1	sq.m	N/A	N/A	Presumed asbestos	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
Chief Mechanical Engineers Building Interior, Level 1																	
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Throughout level 1	Top of floor	Lead containing dust	Throughout	N/A	Same as: 5457-Pb8	N/A	3,100 mg/kg	Poor	High	Restrict access. Remove lead containing dust as soon as practicable. Wear appropriate PPE when handling lead dust. Conduct airborne lead monitoring during removal works.	Prior to refurbishment				
04.07.2022	Chief Mechanical Engineers Building interior, ground level	Throughout first floor	Within accessible subfloor	Lead containing dust	Throughout	N/A	Rpb1	10	15,000 mg/kg	Poor	High	Restrict access. Remove lead containing dust as soon as practicable. Wear appropriate PPE when handling lead dust. Conduct airborne lead monitoring during removal works.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Throughout first floor	Internal doors	Pink lead paint system	30	sq.m	Same as Rpb4	15	3,248 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	14 and 15	Ceiling lining	Beige lead paint system	70	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	14 and 15	Fluorescent light fittings	Presumed PCBs	8	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	14 and 15	Walls	Beige lead paint system	100	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	14 and 15	Walls	Turquoise lead paint system (undercoat)	100	sq. m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	14 and 15	Timber trim, skirting	Turquoise lead paint system (undercoat)	20	sq. m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	14 and 15	Air conditioning system (interior)	Presumed to contain SMF insulation	2	count	No sample possible due to electrical hazard	N/A	Presumed to contain SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Hallway adjacent to room 14	Power distribution board	Presumed asbestos containing electrical backing board	1	sq.m	N/A	N/A	Presumed asbestos	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Hallway adjacent to room 14	Ceiling lining	White lead paint system	15	sq.m	Same as: 5457-Pb6	N/A	353,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Hallway adjacent to room 14	Skirting	Turquoise lead paint system	10	sq. m	Same as: 5457- Pb5	15	377,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Hallway adjacent to room 14	Walls	Beige lead paint system	30	sq.m	Same as: 5457-Pb7	15	93,100 mg/kg	Fair	Medium	Seal flaking edges . Conduct Airborne Lead Monitoring during encapsulation works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Hallway adjacent to room 14	Fluorescent light fittings	Presumed PCBs	1	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	16	Ceiling lining	White lead paint system	15	sq.m	Same as: 5457-Pb6	N/A	353,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	16	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	16	Bottom walls / skirting	Turquoise lead paint system	20	sq. m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	16	Top walls	Beige lead paint system	40	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	16	Air conditioning system (interior)	Presumed to contain SMF insulation	1	count	No sample possible due to electrical hazard	N/A	Presumed to contain SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	17	Ceiling lining	Beige lead paint system	30	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	17	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	17	Bottom walls / skirting	Turquoise lead paint system	20	sq. m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead products.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	17	Top walls	Beige lead paint system	40	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead products.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	17	Air conditioning system (interior)	Presumed to contain SMF insulation	1	count	No sample possible due to electrical hazard	N/A	Presumed to contain SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	18	Ceiling lining	Beige lead paint system	30	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	18	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	18	Walls	Beige lead paint system	80	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	18	Timber trim, skirting, walls	Turquoise lead paint system	80	sq. m	Same as: 5457- Pb5	N/A	377,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19	Air conditioning system (interior)	Presumed to contain SMF insulation	2	count	No sample possible due to electrical hazard	N/A	Presumed to contain SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19	Ceiling lining	White lead paint system	30	sq.m	Same as: 5457-Pb6	N/A	377,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19	Walls	Beige lead paint system	80	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	Seal flaking edges . Conduct Airborne Lead Monitoring during encapsulation works. Wear appropriate PPE when handling lead.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19	Timber trim, skirting	Beige lead paint system	10	sq. m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19	Power distribution board	Presumed asbestos containing electrical backing board	1	sq.m	N/A	N/A	Presumed asbestos	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19a	Ceiling lining	Beige lead paint system	20	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19a	Ceiling lining (second ceiling)	SMF containing ceiling tiles	20	sq.m	Same as: 5457-Asb3	3	SMF	Poor	~~High~~	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 06.03.2015 by ADE reveals that the SMF containing ceiling tiles had been removed.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19a	Walls	Beige lead paint system	20	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	Seal flaking edges . Conduct Airborne Lead Monitoring during encapsulation works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19a	Timber trim to windows, doors and skirting	White lead paint system	10	sq.m	Same as: 5457-Pb6	N/A	353,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19a	Fluorescent light fittings	Presumed PCBs	2	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19a	Floor covering	Paper back vinyl	1	sq.m	Rasb4	N/A	No asbestos detected SMF identified	Good	Low	No asbestos detected. Remove prior to demolition or refurbishment.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19b	Ceiling lining	SMF containing ceiling tiles	~~20~~ 1	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 06.03.2015 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tile is still present on site. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19b	Air conditioning system (interior)	Presumed to contain SMF insulation	1	count	No sample possible due to electrical hazard	N/A	Presumed to contain SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19b	Walls	Beige lead paint system	40	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	19b	Timber trim	White lead paint system	5	sq.m	Same as: 5457-Pb6	N/A	353,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	20	Ceiling lining	Beige lead paint system	30	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	20	Fluorescent light fittings	Presumed PCBs	4	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	20	Walls	Turquoise lead paint system	80	sq. m	Same as: 5457- Pb5	N/A	353,300 mg/kg	~~Fair~~ Poor	~~Medium~~ High	~~Seal flaking edges . Conduct Airborne Lead Monitoring during encapsulation works. Wear appropriate PPE when handling lead.~~ Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	20	Timber trim, skirting	Turquoise lead paint system	10	sq. m	Same as: 5457- Pb5	N/A	353,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	21	Air conditioning system (interior)	Presumed to contain SMF insulation	1	count	No sample possible due to electrical hazard	N/A	Presumed to contain SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	21	Ceiling lining	Beige lead paint system	400	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	21	Ceiling lining (second ceiling)	SMF containing ceiling tiles	~~20~~ 5	sq.m	Same as: 5457-Asb3	3	SMF detected	Fair	Medium	~~Restrict access. Remove ASAP. Conduct Airborne SMF Monitoirng during removal. Wear appropriate PPE when handling SMF.~~ Reinspection on 06.03.2015 by ADE reveals that the all SMF containing ceiling tiles had not been removed. SMF containing ceiling tiles are still present on site. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	21	Fluorescent light fittings	Presumed PCBs	60	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	21	Walls	Beige lead paint system	200	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	~~Fair~~ Poor	~~Medium~~ High	~~Seal flaking edges . Conduct Airborne Lead Monitoring during encapsulation works. Wear appropriate PPE when handling lead.~~ Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	21	High level wall lining	FC wall lining	30	sq.m	Rasb5	4	Chrysotile & Crocidolite asbestos detected	Fair	Medium	Remove or label and enclose/encapsulate in line with the Asbestos Management Plan (AMP) by a Class A or B licensed asbestos removal contractor or remove prior to refurbishment or demolition.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Northern room (kitchenette)	High level wall lining	FC wall lining	8	sq.m	Rasb6	2	Chrysotile asbestos detected	Fair	Medium	Remove or label and enclose/encapsulate in line with the Asbestos Management Plan (AMP) by a Class A or B licensed asbestos removal contractor or remove prior to refurbishment or demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	21	Skirting and doors	Pink lead paint system	30	sq.m	Rpb4	N/A	3,248 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Hallway	Power distribution board	Presumed asbestos containing electrical backing board	2	sq.m	N/A	N/A	Presumed asbestos	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Ladies toilet	Wall lining	Pink lead paint system	30	sq.m	Rpb4	N/A	3,248 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Ladies toilet	Ceiling lining	White lead paint system	10	sq. m	Same as: 5457-Pb6	N/A	353,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Ladies toilet	Fluorescent light fittings	Presumed PCBs	2	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 2	Ladies toilet	Water Heater	Presumed SMF	1	Count	N/A	N/A	Presumed SMF	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Ladies toilet	Walls, timber	Pink lead paint system	12	sq. m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Ladies toilet	Walls	White lead paint system	40	sq. m	Rpb3	N/A	4,935 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Ladies toilet	Water tank	Presumed SMF	1	Count	6	N/A	Presumed PCBs	Good	Low	Maintain in current condition. Remove prior to demolition or refurbishment.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Top of stairway	Ceiling lining	Beige lead paint system	10	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Top of stairway	Fluorescent light fittings	Presumed PCBs	1	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Top of stairway	Walls	Turquoise lead paint system	20	sq. m	Same as: 5457- Pb5	15	377,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Northern room (kitchenette)	Ceiling lining	White lead paint system	10	sq.m	Same as: 5457-Pb6	N/A	353,300 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Northern room (kitchenette)	Fluorescent light fittings	Presumed PCBs	1	Count	N/A	N/A	Presumed PCBs	Good	Low	All fluorescent lights should be treated as containing PCBs. Capacitors should be checked against ANECC1997 prior to demolition which may disturb presumed PCBs. Remove prior to demolition.	Prior to refurbishment				

Date	LOCATION			MATERIAL DESCRIPTION							RISK MANAGEMENT			CORRECTIVE ACTIONS			
	Building	Room	Surface	Material Application	Quantity	Units	Sample ID No.	Photo No.	Analytical Result	Material Condition as Surveyed	Risk Status	Control Recommendations/ Comments	Review date	Consultant/ Hygienist Name	Control Action Taken	Date actioned	Contractor details
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Northern room (kitchenette)	Walls	Beige lead paint system	30	sq.m	Same as: 5457-Pb7	N/A	93,100 mg/kg	Fair	Medium	It is recommended to remove flaking areas and stabilize the paint system by overpaint using a lead-free product prior to refurbishment or demolition	Prior to refurbishment				
01.07.2022 / 04.07.2022	Chief Mechanical Engineers Building interior, level 1	Northern room (kitchenette)	Archway	Turquoise lead paint system	2	sq. m	Same as: 5457- Pb5	15	353,300 mg/kg	Poor	High	Seal and encapsulate flaking edges or remove ASAP. Conduct Airborne Lead Monitoring during encapsulation or removal works. Wear appropriate PPE when handling lead.	Prior to refurbishment				

Appendix II – Photographs

Photograph 1. Interior, subfloor – lead containing dust as observed on [04.07.2022].

Photograph 2. Interior, level 1, north room kitchenette – asbestos containing wall lining as observed on [04.07.2022].

Photograph 3. Interior, throughout SMF ceiling tiles as observed on [04.07.2022].

Photograph 4. Interior, level 1, room 21 – high level asbestos containing wall lining as observed on [04.07.2022].

Photograph 5. Interior of the room, Lead paint system to second ceiling lining as observed on [04.07.2022].

Photograph 6. Interior, level 1, ladies' toilet – Presumed SMF containing water heater as observed on [04.07.2022].

Photograph 7. Interior, ground floor, room 1 – Presumed asbestos containing internal insulation to safe as observed on [04.07.2022].

Photograph 8. Western exterior - presume asbestos containing high level flue as observed on [04.07.2022].

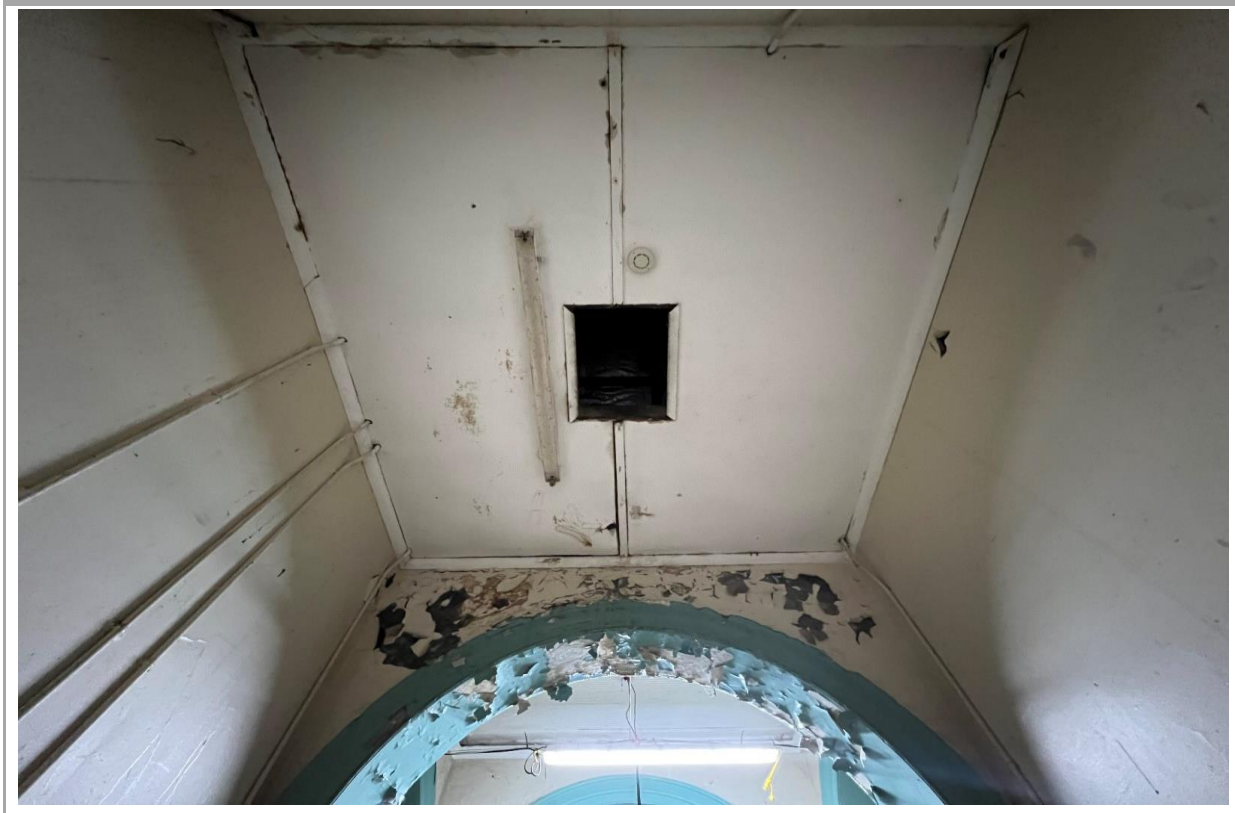
Photograph 9. Exterior – presume high level panels to roofline as observed on [04.07.2022].

Photograph 10. Exterior, window frames – Lead containing paint systems to window frame and window frame surround as observed on [21.07.2022].

Photograph 11. Exterior, walls – Lead containing beige paint system as observed on [21.07.2022].

Photograph 12. Exterior, support poles – lead containing green paint system as observed on [21.07.2022].

Photograph 13. Exterior, windowsills – lead containing paint as observed on [21.07.2022].



Photograph 14. Interior, level 1, north room kitchenette – no access within ceiling void due to unsafe access as observed on [04.07.2022].

Photograph 15. Interior, level 1 hallway pink, turquoise and beige lead paint systems as observed on [04.07.2022].

Appendix III – Aerial Photographs & Site Plans

Figure 1. Approximate location of the subject area, located at 505 Wilson Street, North Eveleigh NSW (Map adapted from Nearmap accessed on 13.07.2022).

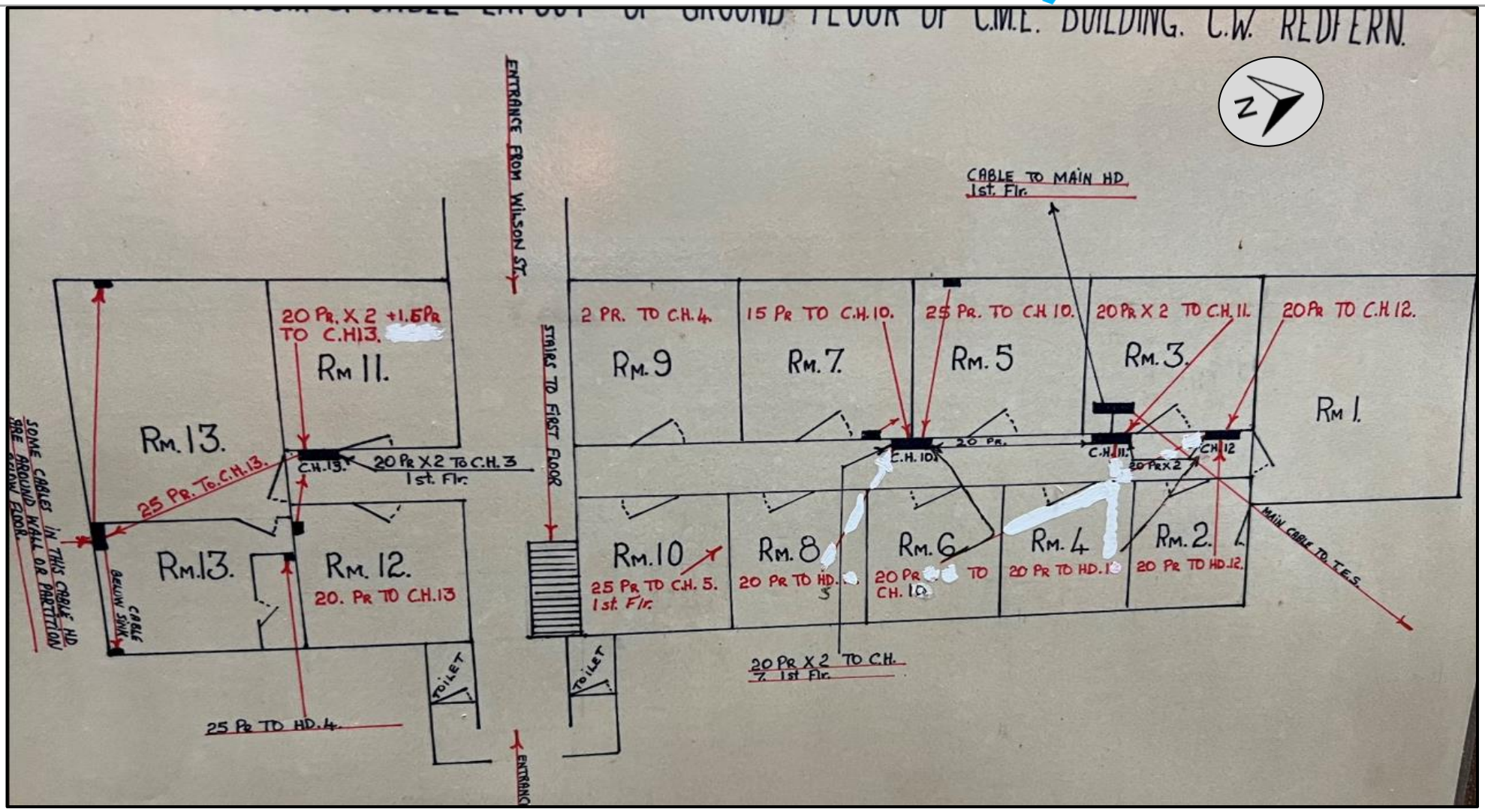


Figure 2. Ground floor site plan at 505 Wilson Street, North Eveleigh NSW.

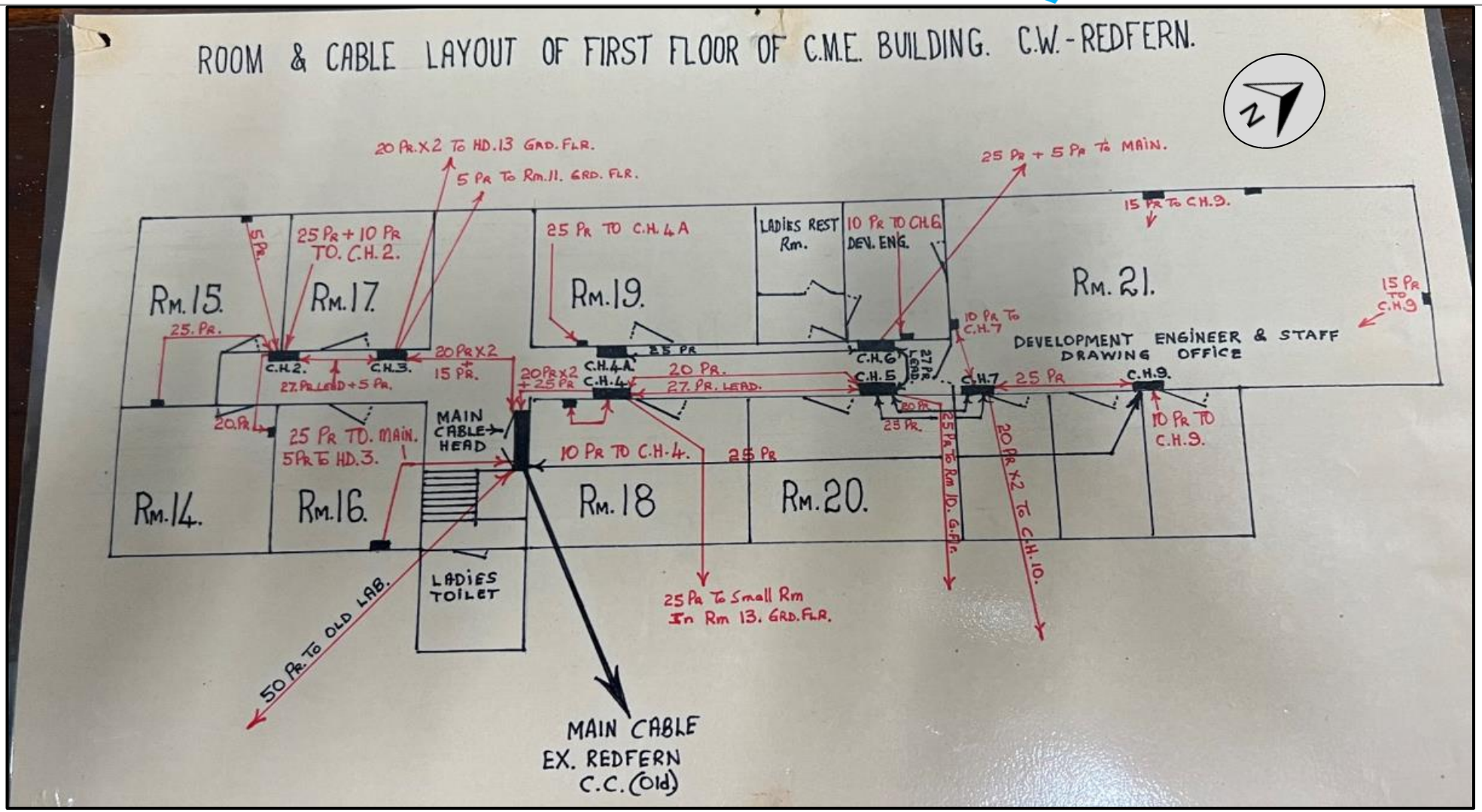


Figure 3. First floor site plan at 505 Wilson Street, North Eveleigh NSW.

Appendix IV – References

The survey works and production of this report have been undertaken in accordance with the requirements of:

[1] *Workplace Health and Safety (WHS) Act 2011;*
[2] *Workplace Health and Safety (WHS) Regulation 2017;*
[3] *SafeWork NSW Code of Practice: Demolition Work (2019);*
[4] *AS2601 (2001) The Demolition of Structures;*
[5] *SafeWork NSW Code of Practice: How to Manage and Control Asbestos in the Workplace (2019);*
[6] *SafeWork NSW Code of Practice: How to Safely Remove Asbestos (2019);*
[7] *AS4361.1 (2017) Guide to Lead Paint Management. Part 1: Industrial Applications;*
[8] *AS 4361.2 (2017) Guide to Hazardous Paint Management, Part 2: Lead Paint in Residential, Public and Commercial Buildings;*
[9] *AS4874 – 2000 Guide to the Investigation of Potentially Contaminated Soil and Deposited Dust as a Source of Lead Available to Humans;*
[10] *ANZECC (1997) Identification of PCB-containing Capacitors: An Information Booklet for Electricians and Electrical Contractors;*
[11] Ozone Protection and Synthetic Greenhouse Gas (OSGG) Management Act 1989;
[12] Ozone Protection and Synthetic Greenhouse Gas (OSGG) Management Regulations 1995;
[13] National Environment Protection Measure Schedule B7, Derivation of Health Based Investigation Levels;
[14] United Nations Environment Programmer's Division of Technology, Inventory of Trade Names of Chemical Product Containing Ozone Depleting Substances and their Alternatives, 2001;
[15] Queensland Department of Environmental and Heritage Protection, Guideline Waste Management, Managing Polychlorinated biphenyl 2016;
[16] NSW SafeWork information guide on the safe management of synthetic mineral fibres (SMF) – glasswool and rockwool;
[17] NSW SafeWork guide to handle refractory ceramic fibres;
[18] Code of Practice for the Safe Handling of Equipment Containing Polychlorinated Biphenyls, Electrical Contractor's Associations of Australia 1993;
[19] EPA Polychlorinated Biphenyl (PCB) chemical control order 1997; and
[20] EPA Waste Classification Guidelines Part 1.

Appendix V – Statement of Limitations

This report has been prepared in accordance with the agreement between EESI Group and ADE Consulting Group Pty Ltd. Within the limitations of the agreed upon scope of services, this work has been undertaken and performed in a professional manner, in accordance with generally accepted practices, using a degree of skill and care ordinarily exercised by members of its profession and consulting practice. No other warranty, is expressed, implied, made or intended.

This report is solely for the use of EESI Group and any reliance on this report by third parties shall be at such party's sole risk and may not contain sufficient information for purposes of other parties or for other uses. This report shall only be presented in full and may not be used to support any other objective than those set out in the report, except where written approval with comments is provided by ADE Consulting Group Pty Ltd.

The following should also be noted:

While the survey has attempted to locate all the hazardous materials, the survey was a visual inspection and sampling process. Only those hazardous materials that were physically accessible could be located and identified. Therefore it is possible that materials, which may be concealed within inaccessible areas/voids, may not have been located during the survey. Such inaccessible areas fall into a number of categories:

- Locations behind locked doors;
- In set ceilings or wall cavities;
- Those areas accessible only by dismantling equipment or performing minor localised demolition works;
- Service shafts, ducts etc., concealed within the building structure;
- Voids or internal areas of plant, equipment, air-conditioning ducts, etc.;
- Totally inaccessible areas such as voids and cavities created and intimately concealed within the building structure (these voids are only accessible during major demolition works); and
- Height restricted areas.

Destructive surveying and sampling techniques were not employed to gain access to those areas listed above. Consequently, without substantial demolition of the building, it is not possible to guarantee that every source of asbestos has been detected.

Therefore prior to any refurbishment works, further investigations should be performed using destructive survey sampling techniques. During the course of normal site works care should be exercised when entering any previously inaccessible areas and it is imperative that work cease pending further sampling if materials suspected of containing asbestos or unknown materials are encountered. This report is not intended to be used for the purposes of tendering, programming of works, refurbishment works or demolition works unless used in conjunction with a specification detailing the extent of the works. To ensure its contextual integrity, the report must be read in its entirety and should not be copied, distributed or referred to in part only.

This report excludes radioactive and chemicals (it is limited to the hazardous materials identified in section 1)

Appendix VI – Laboratory Analytical Results

Sydney Laboratory Services

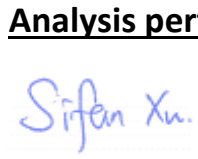
A division of A. D. Envirotech Australia Pty Ltd
Unit 4/10-11 Millennium Court,
Silverwater 2128
Ph: (02) 9648-6669

A.B.N. 52 093 452 950

Analysis report: A301022.0684.00
Laboratory LOT NO: 2203557

Date Received: 04.07.2022
Date Analysed: 11.07.2022
Report Date: 11.07.2022
Client: ADE Consulting Group
Job Location: 505 Wilson Street, North Eveligh
Analytical method: AS 4964-2004 "Method for the qualitative identification of asbestos in bulk samples" in conjunction with AD Envirotech's ABI Methods for Polarised Light Microscopy with dispersion staining

Analysis performed by:



Sifan Xu
Approved asbestos identifier

Results Authorised By:

Kim Foley
Approved Signatory

Accreditation No.14664.
Accredited for compliance with ISO/IEC 17025 - Testing.
The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Tests not covered by NATA are denoted with *.

General Comments:

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by client.
Information provided by client can affect the validity of the results.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.
For RASB1, RASB2, RASB4, RASB9, RASB10 samples, independent confirming technique such as infrared spectroscopy, X-ray diffraction, scanning or transmission electron microscopy is advised.

Client Sample ID.	Laboratory Sample No.	Sample Description/Matrix	Sample Dimensions (cm) unless stated otherwise	Result	Comments
RASB1	2022024659	Vinyl	15 x 15 x 0.2	No Chrysotile asbestos found	Nil
				No Amosite asbestos found	Nil
				No Crocidolite asbestos found	Nil
				No Synthetic Mineral Fibres found	Nil
				Organic fibres found	Nil
RASB2	2022024660	Electrical Wrap	3.6 x 0.5 x 0.4	No Chrysotile asbestos found	Nil
				No Amosite asbestos found	Nil
				No Crocidolite asbestos found	Nil
				No Synthetic Mineral Fibres found	Nil
				Organic fibres found	Nil
RASB3	2022024661	Slate	8.0 x 5.4 x 0.2	No Chrysotile asbestos found	Nil
				No Amosite asbestos found	Nil
				No Crocidolite asbestos found	Nil
				No Synthetic Mineral Fibres found	Nil
				Organic fibres found	Nil
RASB4	2022024662	Paper bag Vinyl	8.6 x 8.0 x 0.1	No Chrysotile asbestos found	Nil
				No Amosite asbestos found	Nil
				No Crocidolite asbestos found	Nil
				Synthetic Mineral Fibres found	Nil
				Organic fibres found	Nil
RASB5	2022024663	Fibre Cement	10.8 x 6.5 x 0.4	Chrysotile asbestos found	Nil
				No Amosite asbestos found	Nil
				Crocidolite asbestos found	Nil
				No Synthetic Mineral Fibres found	Nil
				Organic fibres found	Nil
RASB6	2022024664	Fibre Cement	4.9 x 4.7 x 0.4	Chrysotile asbestos found	Nil
				No Amosite asbestos found	Nil
				No Crocidolite asbestos found	Nil
				No Synthetic Mineral Fibres found	Nil
				Organic fibres found	Nil
RASB7	2022024665	Putty	4.4 x 1.2 x 0.7	No Chrysotile asbestos found	Nil
				No Amosite asbestos found	Nil
				No Crocidolite asbestos found	Nil
				No Synthetic Mineral Fibres found	Nil
				Organic fibres found	Nil

Client Sample ID.	Laboratory Sample No.	Sample Description/Matrix	Sample Dimensions (cm) unless stated otherwise	Result	Comments
RASB8	2022024666	Fibre Cement	1.6 x 1.5 x 0.4	No Chrysotile asbestos found	Nil
				No Amosite asbestos found	Nil
				No Crocidolite asbestos found	Nil
				No Synthetic Mineral Fibres found	Nil
				Organic fibres found	Nil
RASB9	2022024667	Wrap	6.0 x 2.6 x 0.5	No Chrysotile asbestos found	Nil
				No Amosite asbestos found	Nil
				No Crocidolite asbestos found	Nil
				No Synthetic Mineral Fibres found	Nil
				Organic fibres found	Nil
RASB10	2022024668	Vinyl	21.2 x 19.5 x 0.5	No Chrysotile asbestos found	Nil
				No Amosite asbestos found	Nil
				No Crocidolite asbestos found	Nil
				No Synthetic Mineral Fibres found	Nil
				Organic fibres found	Nil

Batch Number : 2203555

Report Number : A301022.0684.00 (653-377)

Sydney Laboratory Services

A division of A. D. Envirotech Australia Pty Ltd
A.C.N. 093 452 950
Unit 4/10-11 Millennium Court,
Silverwater 2128
Ph: (02) 9648-6669

Accreditation No.14664
Accredited for compliance with ISO/IEC 17025 - Testing.

This certificate of analysis contains General Comments and Analytical Results. Quality Control Report and Laboratory Quality Acceptance Criteria have been issued separately.

This report supersedes any previous report(s) with this reference. This document shall not be reproduced, except in full.

This report has been electronically signed by authorised signatories below.

Authorised By

Kaiyu Li

General Comments

Samples are analysed on as received basis. Sampling is not covered by NATA accreditation.

Where moisture determination has been performed, results are reported on dry weight basis.

Where the PQL of reported result differs from standard PQL, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Samples were analysed within holding time described by laboratory internal procedures if not stated otherwise. If samples delivered do not meet required analytical criteria, results will be marked with ^.

However surrogate standards are added to samples, results are not corrected for standards recoveries.

Analysis of VOC in water samples are performed on unfiltered waters (as received) spiked with surrogates and injection standards only.

SLS is responsible for all the information in the report, except that provided by the customer.

All sampling information included in the report has been provided by customer.

Information provided by the customer can affect the validity of the results.

Sydney Laboratory Services
A division of A. D. Envirotech Australia Pty Ltd
Unit 4/10-11 Millennium Court
Silverwater 2128
Ph: (02) 9648-6669

Certificate of Analysis

Contact:	Charly Golding	**Date Reported:**	12/07/2022
Customer:	ADE Consulting Group	**No. of Samples:**	6
Address:	Unit 6 7 Millennium Court Silverwater NSW	**Date Received:** **Date of Analysis:**	6/07/2022 11/07/2022
Cust Ref:	A301022.0684.00		

Glossary:

*NATA accreditation does not cover the performance of this service
ND-not detected,
NT-not tested
INS-Insufficient material to perform the test
LCS-Laboratory Control Sample
RPD-Relative Percent Difference
N/A-Not Applicable
< less than
> greater than
PQL- Practical Quantitation Limit
^Analytical result might be compromised due to sample condition or holding time requirements
Reaction rate 1 = Slight
Reaction rate 2 = Moderate
Reaction rate 3 = High
Reaction rate 4 = Vigorous

Sydney Laboratory Services
A division of A. D. Envirotech Australia Pty Ltd
Unit 4/10-11 Millennium Court
Silverwater 2128
Ph: (02) 9648-6669

Certificate of Analysis

	Sample ID:	2022024653	2022024654	2022024655	2022024656	2022025376	2022025377
	Sample Name	RPB2	RPB3	RPB4	RPB5	RPB1	RPB6
Parameter	Units	PQL					
ESA-ICP-01,ESA-MP-01							
Lead	mg/kg	10	-	-	-	-	17000	15000
ESA-MP-01,ICP-01							
Lead	mg/kg	10	3785	4935	3248	4668	-	-
Lead (w/w)	%	0.005	0.378	0.493	0.325	0.467	-	-

Sydney Laboratory Services
A division of A. D. Envirotech Australia Pty Ltd
Unit 4/10-11 Millennium Court
Silverwater 2128
Ph: (02) 9648-6669

Batch Number : 2203856

Report Number : A301022.0684.00 (967-970)

Sydney Laboratory Services

A division of A. D. Envirotech Australia Pty Ltd
A.C.N. 093 452 950
Unit 4/10-11 Millennium Court,
Silverwater 2128
Ph: (02) 9648-6669

Accreditation No.14664
Accredited for compliance with ISO/IEC 17025 - Testing.

This certificate of analysis contains General Comments and Analytical Results. Quality Control Report and Laboratory Quality Acceptance Criteria have been issued separately.

This report supersedes any previous report(s) with this reference. This document shall not be reproduced, except in full.

This report has been electronically signed by authorised signatories below.

Authorised By

Kaiyu Li

General Comments

Samples are analysed on as received basis. Sampling is not covered by NATA accreditation.

Where moisture determination has been performed, results are reported on dry weight basis.

Where the PQL of reported result differs from standard PQL, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Samples were analysed within holding time described by laboratory internal procedures if not stated otherwise. If samples delivered do not meet required analytical criteria, results will be marked with ^.

However surrogate standards are added to samples, results are not corrected for standards recoveries.

Analysis of VOC in water samples are performed on unfiltered waters (as received) spiked with surrogates and injection standards only.

SLS is responsible for all the information in the report, except that provided by the customer.

All sampling information included in the report has been provided by customer.

Information provided by the customer can affect the validity of the results.

Certificate of Analysis

Contact:	Charly Golding	**Date Reported:**	25/07/2022
Customer:	ADE Consulting Group	**No. of Samples:**	4
Address:	Unit 6 7 Millennium Court Silverwater NSW	**Date Received:**	22/07/2022
		Date of Analysis:	22/07/2022
Cust Ref:	A301022.0684.00		

Glossary:

*NATA accreditation does not cover the performance of this service
ND-not detected,
NT-not tested
INS-Insufficient material to perform the test
LCS-Laboratory Control Sample
RPD-Relative Percent Difference
N/A-Not Applicable
< less than
> greater than
PQL- Practical Quantitation Limit
^Analytical result might be compromised due to sample condition or holding time requirements
Reaction rate 1 = Slight
Reaction rate 2 = Moderate
Reaction rate 3 = High
Reaction rate 4 = Vigorous

Batch Number : 2203856

Report Number : A301022.0684.00 (967-970)

Certificate of Analysis

	Sample ID:	2022026967	2022026968	2022026969	2022026970
	Sample Name	Pb1	Pb2	Pb3	Pb4
Parameter	*Units*	*PQL*			
ESA-MP-01,ICP-01					
Lead	mg/kg	10	47320	80850	8895	14685
Lead (w/w)	%	0.005	4.732	8.085	0.890	1.469

Sydney Laboratory Services
A division of A. D. Envirotech Australia Pty Ltd
Unit 4/10-11 Millennium Court
Silverwater 2128
Ph: (02) 9648-6669

Appendix VII – Historical Laboratory Analytical Results

Environmental and OH&S Laboratory

A division of A. D. Envirotech Australia Pty Ltd A.C.N. 093 452 950

Unit 4/10-11 Millennium Court,
Silverwater 2128
Ph: (02) 9648-6669

Analysis report: 8829-CME (Paint)

Customer: A. D. Envirotech Australia Pty. Ltd.
Attention: Shahin Motamedi

Sample Log In Details

Your reference:	8829-CME (Paint)
No. of Samples:	3
Date Received:	10.03.2015
Date completed instructions received:	10.03.2015
Date of analysis:	10.03.2015

Report Details

Report Date:	11.03.2015
Method number:**	ESA-MP-01
	ESA-MP-05

Results Authorised By:

Dr Dominika Wojtalewicz (MRACI CCHEM)

Laboratory Manager/Principal Chemist

Lab ID	PQL (mg/kg)	8829-C13	8829-C14	8829-C16
Sample Name		8829-CME-Pb1	8829-CME-Pb2	8829-CME-Pb4
Sample Mass Digested	(g)	0.1	0.1	0.1
Lead	100	>50000	7100	7000

Lab ID	PQL (mg/kg)	Batch Blank 1	Batch Blank spike 1	Batch Matrix spike 1-LCS	Batch Duplicate 1-Value 1	Batch Duplicate 1-Value 2	Batch Duplicate 1
Sample Name							
Sample Mass Digested	(g)						
Lead	100	<100	100%	100%	NT	NT	NT

Lab ID	PQL (mg/kg)	Batch Duplicate 2-Value 1-LCS	Batch Duplicate 2-Value 2-LCS	Batch Duplicate 2-LCS
Sample Name				
Sample Mass Digested	(g)			
Lead	100	<100	<100	ACCEPT

Comments:
NT - Insufficient material to perform this test
LCS - Laboratory Control Sample

General Comments and Glossary

Samples are analysed on "as received" basis.

Samples were delivered chilled	**N/A**
Samples were preserved in correct manner	**N/A**
Sample containers for volatile analysis were received with minimal headspace	**N/A**
Samples were analysed within holding time	**N/A**
Some samples have been subcontracted	**No**

1. All samples are tested in batches of 20.
2. All results for soil samples are reported per gram of dry soil, unless otherwise stated.
3. However surrogate standards are added to samples due to PAH and BTEX analysis and recoveries are calculated, samples' results are not corrected for standards recoveries.
4. Analysis of VOC in water samples are performed on unfiltered waters (as received), spiked with surrogate
5. If heterogenous or insufficient material provided LCS is used as matrix spike for QA/QC purposes.
6. Duplicate sample and matrix spike recoveries may not be prepared on smaller jobs, however, were analysed at a frequency
7. QA/QC samples shown within the report that states the word "BATCH"; Batch Blank, Matrix Spike and Duplicate were prepared on samples from outside of reported job.

Blank: This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate: This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike: A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample): This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surr. (Surrogate Spike): Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

INS: Insufficient sample for this test
>: Greater than
LCS: Laboratory Control Sample
NT: Not tested
<: Less than
RPD: Relative Percent Difference
NA: Test not required
PQL: Practical Quantitation Limit

Laboratory Acceptance Criteria

Matrix Spikes and LCS: Generally 70-130% for inorganics/metals, 60-140% for organics is acceptable.
Matrix heterogeneity may result in matrix spike analyses falling outside these limits

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:
Results <10 times the PQL : No Limit
Results between 10-20 times the PQL : RPD must lie between 0-50%
Results >20 times the PQL : RPD must lie between 0-30%
Surrogate Recoveries : Recoveries must lie between 50-150% - Phenols 20-130%.

**Methods Number Description:

ESA-MP-01	Determination of metals by MP-AES
ESA-MP-02	Digestion of soil samples for MP-AES analysis
ESA-MP-03	Preparation of water samples for metals determination by MP-AES
ESA-MP-04	TCLP for inorganic contaminants
ESA-MP-05	Digestion of paint and dust samples for lead contect determination
ESA-MP-06	Digestion of air filters
ESA-MP-07	Digestion of swabs for determination of lead content in dust
ESA-P-ORG3	Analysis of TRH and TPH by GC-FID
ESA-P-ORG04	Separatory funnel extraction of PAHs from water matrices including TCLP extracts
ESA-P-ORG05	Separatory funnel extraction of TRH and TPH from water matrices
ESA-P-ORG07	Extraction of BTEX and VTRX from soil matrices
ESA-P-ORG08	Analysis of soil extracts and waters by P&T GCMS
ESA-P-ORG09	Extraction of TRH from solid matrices
ESA-P-ORG11	Extraction of OCP OPP and PAH from soil matrices
ESA-P-ORG12	Analysis of OCP OPP and PAHs by GC-MS

Environmental and OH&S Laboratory

A division of A. D. Envirotech Australia Pty Ltd A.C.N. 093 452 950

Unit 4/10-11 Millennium Court,
Silverwater 2128
Ph: (02) 9648-6669

Analysis report: 8829-CME (Soil)

Customer: A. D. Envirotech Australia Pty. Ltd.
Attention: Shahin Motamedi

Sample Log In Details

Your reference:	8829-CME (Soil)
No. of Samples:	5
Date Received:	10.03.2015
Date completed instructions received:	10.03.2015
Date of analysis:	10.03.2015

Report Details

Report Date:	11.03.2015
Method number:**	ESA-MP-01 ESA-MP-02

Results Authorised By:

Dr Dominika Wojtalewicz (MRACI CCHEM)
Laboratory Manager/Principal Chemist

Lab ID	PQL (mg/kg)	8829-C15	8829-C17	8829-C18	8829-C19	8829-C20
Sample Name		8829-CME-Pb3	8829-CME-Pb5	8829-CME-Pb6	8829-CME-Pb7	8829-CME-Pb8
Metals						
Lead	10	11000	3200	440	190	1200
Moisture	%	2%	2%	3%	5%	2%

Lab ID	PQL (mg/kg)	Batch Blank 1	Batch Blank spike 1	Batch Matrix spike 1	Batch Duplicate 1-Value 1	Batch Duplicate 1-Value 2	Batch Duplicate 1
Sample Name							
Metals							
Lead	10	<10	96%	75%	<10	<10	ACCEPT
Moisture	%						

Lab ID	PQL (mg/kg)	Batch Duplicate 2-Value 1	Batch Duplicate 2-Value 2	Batch Duplicate 2
Sample Name				
Metals				
Lead	10	16	16	ACCEPT
Moisture	%			

General Comments and Glossary

Samples are analysed on "as received" basis.

Samples were delivered chilled	**Yes**
Samples were preserved in correct manner	**Yes**
Sample containers for volatile analysis were received with minimal headspace	**Yes**
Samples were analysed within holding time	**Yes**
Some samples have been subcontracted	**No**

1. All samples are tested in batches of 20.
2. All results for soil samples are reported per gram of dry soil, unless otherwise stated
3. However surrogate standards are added to samples due to PAH and BTEX analysis and recoveries are calculated, samples' results are not corrected for standards recoveries.
4. Analysis of VOC in water samples are performed on unfiltered waters (as received), spiked with surrogate
5. If heterogenous or insufficient material provided LCS is used as matrix spike for QA/QC purposes
6. Duplicate sample and matrix spike recoveries may not be prepared on smaller jobs, however, were analysed at a frequency
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>: Greater than
LCS: Laboratory Control Sample
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RPD: Relative Percent Difference
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Results >20 times the PQL : RPD must lie between 0-30%
Surrogate Recoveries : Recoveries must lie between 50-150% - Phenols 20-130%.

**Methods Number Description:

ESA-MP-01	Determination of metals by MP-AES
ESA-MP-02	Digestion of soil samples for MP-AES analysis
ESA-MP-03	Preparation of water samples for metals determination by MP-AES
ESA-MP-04	TCLP for inorganic contaminants
ESA-MP-05	Digestion of paint and dust samples for lead contect determination
ESA-MP-06	Digestion of air filters
ESA-MP-07	Digestion of swabs for determination of lead content in dust
ESA-P-ORG02	Analysis of PAHs by GC-MS
ESA-P-ORG03	Analysis of TRH and TPH by GC-FID
ESA-P-ORG04	Separatory funnel extraction of PAHs from water matrices including TCLP extracts
ESA-P-ORG05	Separatory funnel extraction of TRH and TPH from water matrices
ESA-P-ORG06	Silica gel clean up of soil and water extracts, prior analysis for STPH
ESA-P-ORG07	Extraction of BTEX and VTRX from soil matrices
ESA-P-ORG08	Analysis of soil extracts and waters by P&T GCMS
ESA-P-ORG09	Extraction of TRH from solid matrices
ESA-P-ORG14	Extraction of PCB (Aroclor) OCP OPP and PAH from soil matrices
ESA-P-ORG15	Analysis of PCB OCP OPP and PAH by GCMS
AS 1289.4.3.1	Determination of the pH value of a soil-Electrometric method
AS 1289.3.6.1	Determination of the particle size distribution of a soil - Standard method of analysis by sieving
T276	NSW RMS Test Method T 276 Foreign materials content of recycled crushed concrete

*Texture Assessment based on; Salinity Notes, Number 8, Oct 2000, ISSN 1 325-4448, "How to Texture soils & Test for Salinity"

*ESA-P-16 Procedure for measurement of Electrical Conductivity EC

Environmental and OH&S Laboratory

A division of A. D. Envirotech Australia Pty Ltd A.C.N. 093 452 950
Unit 4/10-11 Millennium Court,
Silverwater 2128

Analysis report: 8829-CME ASB 1

Date Received: 10.03.2015
Date Analysed: 12.03.2015
Report Date: 12.03.2015
Client: SurDevel
Job Location: 505 Wilson Street, North Eveleigh NSW
Analytical method: Polarised Light Microscopy with dispersion staining (ADE method ABI)

Analysis performed by:

Dr Dominika Wojtalewicz (MRACI CCHEM)
Laboratory Manager/Principal Chemist
NATA approved asbestos identifier

Results Authorised By:

Dr Dominika Wojtalewicz (MRACI CCHEM)
Laboratory Manager/Principal Chemist
NATA signatory

Accreditation No.14664.
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.

Tests not covered by NATA are denoted with *.

Laboratory Sample No.	Sample Description/Matrix	Sample Dimensions (cm) unless stated otherwise	Result	Comments
8829-CME-Asb1	Mastic	5.4 x 1.2 x 1.0	No Chrysotile asbestos found	Nil
			No Amosite asbestos found	Nil
			No Crocidolite asbestos found	Nil
			No Synthetic Mineral Fibres found	Nil
			Organic fibres found	Nil

General Comments:

All samples are analysed as received.
Sampling performed by AD Envirotech is not covered by NATA scope.
Samples are stored for period of 3 months.
Due to the difficulty of estimating the load on the swab the test is carried out for presence or absence of asbestos only.
[1] Independent confirming technique such as infrared spectroscopy, X-ray diffraction, scanning or transmission electron microscopy is advised.

ADECONSULTINGGROUP
SOLUTIONS THROUGH INNOVATION

Further details regarding ADE's Services are available via

info@ade.group www.ade.group

ADE Consulting Group Pty Ltd

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