



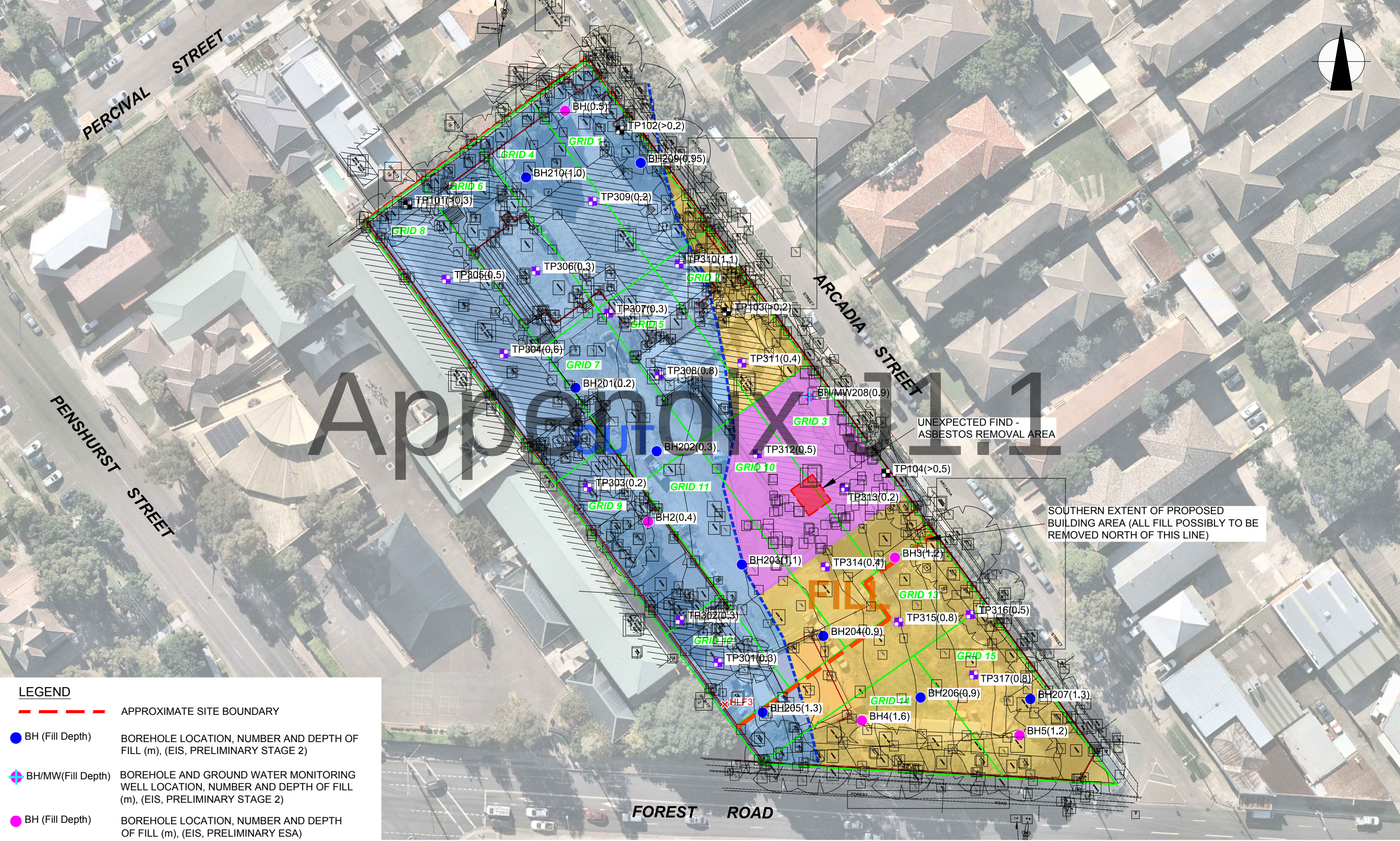
- | SAMPLE ID | DEPTH (metres) |
|-----------|----------------|
| CHEMICAL | CONCENTRATION |

0 8 16 24 32 40
SCALE 1:800 @A3 METRES

This plan should be read in conjunction with the Environmental report.

Title:	SITE CONTAMINATION DATA	
Location:	PENSURST PUBLIC SCHOOL 510 FOREST ROAD, PENSURST, NSW	
Report No:	E30104Prpt4	Figure No:
JKEnvironments		



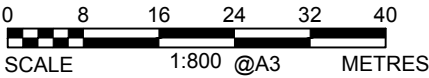


LEGEND

- APPROXIMATE SITE BOUNDARY
- BH (Fill Depth) BOREHOLE LOCATION, NUMBER AND DEPTH OF FILL (m), (EIS, PRELIMINARY STAGE 2)
- ⊕ BH/MW(Fill Depth) BOREHOLE AND GROUND WATER MONITORING WELL LOCATION, NUMBER AND DEPTH OF FILL (m), (EIS, PRELIMINARY STAGE 2)
- BH (Fill Depth) BOREHOLE LOCATION, NUMBER AND DEPTH OF FILL (m), (EIS, PRELIMINARY ESA)
- ⊕ TP (Fill Depth) TESTPIT LOCATION, NUMBER AND DEPTH OF FILL (m), (EIS, PRELIMINARY ESA)
- ✕ HLF3 SURFACE SAMPLE - FIBRE CEMENT FRAGMENT (FCF)
- ⊕ TP(Fill Depth) TEST PIT LOCATION, EIS DATA GAP INVESTIGATION 2019

IN-SITU ACM VALIDATION AREA

GRID LINE



Title: WASTE AND REMEDIATION PLAN	
Location: PENSHURST PUBLIC SCHOOL 510 FOREST ROAD, PENSHURST, NSW	
Report No: E30104Prpt4	Figure No: 4
JKEnvironments	

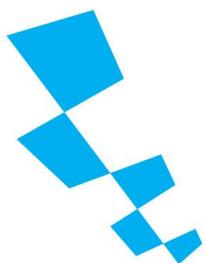


This plan should be read in conjunction with the Environmental report.



Appendix 11.1

Appendix B: Asbestos Removal Control Plan



CHALOUHI

Asbestos Removal Control Plan

Grindley Construction Pty Ltd

Penshurst Public School

510 Forest Rd

Penshurst NSW 2222

Issue No.

1.3

Remedial Civil Solutions Pty Ltd ABN 45 162 770 283 Trading as CHALOUHI
A: Office 2/22 Centenary Ave Moorebank NSW 2170
P: 02 9790 3799 F: 02 9790 4399 E: admin@chalouhi.com.au

DOCUMENT CONTROLS – DISTRIBUTION & REVISION

Business Name: Remedial Civil Solutions Pty Ltd

Trading Name: Chalouhi

Document Title: Asbestos Removal Control Plan

Document#: MAN – 009

Revision# 1.3

Date: 30/7/19

Distribution List: Controlled copies of this site plan have been issued to the following people

No:	Recipient	Position	Issue Date:	signature
1	Mitchell Thorburn	Client	30/7/2019	
2	George Khoury	Project Manager	30/7/2019	
3	Rithy Cheng	Asbestos Supervisor	30/7/2019	
4	Gary Tang	Project Engineer	30/7/2019	
5	Juan Duenas Cejudo	Site Supervisor	30/7/2019	

Revision Record: Any revision made to this DMP is to be recorded below:

Revision	Date	Section	Page	Revision Details
1.1	13/6/2019	All	All	Initial Penshurst Public School
1.2	20/6/2019	All	All	Updates for pending amended rap
1.3	30/7/2019	All	All	Updated Remedial Action Plan

This Asbestos Removal Control Plan has been prepared by:

Print Name: Rod Curry

Signed: 

Dated: 30/7/2019

CONTENTS

DOCUMENT CONTROLS – DISTRIBUTION & REVISION	1
CONTENTS	2
1.0 PROJECT DETAILS	3
2.0 INTRODUCTION	4
3.0 ENVIRONMENTAL POLICY	5
4.0 Regulatory Requirements and Relevant Standards	7
5.0 Asbestos Removal	8
APPENDIX A - LICENCES	12
APPENDIX B –PUBLIC LIABILITY INSURANCE	14
APPENDIX C –WORKERS COMPENSATION INSURANCE	15
APPENDIX D – SAFEWORK NSW NOTIFICATION	16
APPENDIX E – SAFE WORK METHOD STATEMENT (SWMS)	17
APPENDIX F – GRID REFERENCE	18

Appendix J1.1

1.0 PROJECT DETAILS

Project	Penshurst Public School
Site Address	510 Forest Rd Penshurst NSW 2222
Client	Grindley Construction Ltd
Occupational Hygienist	JK Group (EIS) ABN: 17003550801 Address: 115 Wicks Rd, Macquarie Park NSW 2113 Phone: 9888 5000 Representative: Brendan Page
Asbestos Removal Contractor	Remedial Civil Solutions Trading As Chalouhi ABN: 45162770283 Address: Office 2/22 Centenary Ave, Moorebank NSW 2170 P: 02 9790 3799
Asbestos Removal Supervisor.	Supervisor: Rithy Cheng Phone: 0423 354 880

Appendix J1.1

2.0 INTRODUCTION

This Asbestos Removal Control Plan (ARCP) has been developed for the Raking and Picking of non friable asbestos fragments from fill zone and tree protection zone, along with excavation and removal of asbestos contaminated material from the cut zone at 510 Forest Rd Penshurst. The ARCP has been developed based on Environmental Investigation Services (EIS) recommendations and updated Remedial Action Plan.



Notification to SafeWork NSW of Non Friable Asbestos Removal will be submitted to SafeWork NSW upon receipt of Remedial Action Plan

A copy of this ARCP will be kept on site along with all documentation identified within the plan. The ARCP will be followed by Chalouhi personnel as an action plan for the project. Upon commencement on site, all supervisors and staff will be required to read and work to the methodology. Where revised or additional reports are provided by EIS, these reports will be reviewed and where required ARCP will be updated and reissued to site.

3.0 ENVIRONMENTAL POLICY

Policy

Environmental Policy

Description

Chalouhi is striving for a sustainable future and as such, the organisation is committed to minimising the impact on the environment from its business operations.

Purpose

Chalouhi is committed to conducting our business in an environmentally aware and responsible manner. We seek the cooperation of our employees in ensuring our work practices are conducted with minimal environmental impact. The purpose of this policy is to explain the general procedures relating to the Environmental Policy

Scope

The following guidelines are to be adhered to by all Management, supervisors and employees.

Procedure

To support this objective, we will seek the assistance of our employees to minimize our environmental impact by:

- Comply with applicable local, state, and federal environmental regulations and legislations
- Comply with all conditions pertaining to our EPA Environmental Protection License
- Comply with all statutory licensing for the removal and disposal of Asbestos Materials
- Implementing systems to decrease the volume of waste we generate
- Where practical use environmentally appropriate packaging and recycle wherever possible
- Identify our environmental impact and any potential risks at all our locations and implement control measures for any potential hazards.
- Continually seek to improve the environmental performance of our business
- Engage employees, clients and suppliers in reducing the organisation's carbon footprint
- Train appropriate employees in sustainability management
- Lead by example and aim to become advocates for sustainability in our sector
- Encourage the development of innovative sustainable products and services
- Adopt sustainable procurement practices
- Actively encourage and support our suppliers to adopt sustainable practices
- Measure and periodically report on our progress towards our sustainability goals
- Use finite resources, including paper, energy, fuel and water as efficiently as possible
- Identify our environmental impact and any potential risks at all our locations and implement control measures for any potential hazards.

In particular we will:

Emissions

- **Calculate the carbon footprint of our business operations**
- **Minimise our carbon footprint through reduction strategies**
- **Promote energy efficiency to our employees, customers and suppliers**
- **Consider purchasing carbon offsets where appropriate**

Hazardous Substances

- **Only Mix Chemicals in the designated areas**
- **Dispose of chemicals as per the Safety Data Sheets (SDS)**
- **Never wash chemicals down drains or gutters**
- **If spills occur, contain and clean up the spills by following Safety Data Sheet (SDS) directions**

Waste

- **Minimise waste by evaluating procedures to ensure they are as efficient as possible**
- **Actively promote recycling of paper, cardboard and other materials**
- **Recycle at every opportunity**
- **Remove all rubbish and waste from the work area and dispose of it appropriately**

Water

- **Actively promote water conservation across the organisation**
- **Wash company plant and vehicles in designated areas, where there are no designated areas for washing plant and vehicles; ensure it is done away from driveways, gutters and roads so run-off does not enter storm water drains.**

Flora & Fauna

- **Take steps to prevent soil erosion**
- **Reduce impact of our work on native flora and fauna (e.g. noise, dust)**
- **Where declared weeds occur on the job site, ensure all soil and seeds are removed from plant and vehicles so transference of weeds is avoided**

This policy is explained and discussed at the general induction training given to all new employees and has been communicated to all current employees. All employees are expected to know what the environmental policy means to them and how it affects their job or position within the organisation.

Review

This policy statement will be reviewed every 12 months or earlier if significant changes occur.

4.0 Regulatory Requirements and Relevant Standards

All work must be performed in accordance with the development consent conditions:

All works must be also undertaken in accordance with the relevant regulatory criteria code or practice (CoP) and Australian Standards;

- NSW Work Health and Safety Act 2011 (WHS Act)
- NSW Work Health and Safety Regulation 2017 (WHS Regulation)
- NSW Contaminated Land Management Act 1997
- NSW Protection of the Environment Operations Act 1997
- National Environmental Protection Measures 2013 (NEPM)
- Code Of Practice How to manage and control asbestos in the workplace
- Code Of Practice How to safely remove asbestos
- NOHSC Guidance Note on the membrane Filter Method for estimating airborne asbestos fibres 2nd Edition [NOHSC:3003 (205)]
- NOHSC Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:3008 (1995)] 3rd Edition
- AS/NZS 1715:2009 Selection, Use and Maintenance of Respiratory Protective Devices
- AS/NZS 1716:2012 Respiratory Protective Devices
- AS/NZS 1716:2003/Amdt 1:2005 Respiratory protective devices
- Workcover NSW: Working with Asbestos: guide 2008

Appendix J1.1

5.0 ASBESTOS REMOVAL

5.1 Preparation and Consultation

Prior to commencement on site stakeholders (client) will be afforded the opportunity to review documentation and to express any concerns they may have. Asbestos Removal Works have commenced. It is anticipated works will take 2 weeks to complete

The following will be made available to both our client and site prior to commencement:

- ARCP
- Hygienist Report
- Insurances
- SafeWork NSW Asbestos Licence
- SafeWork NSW Asbestos Notification
- SWMS for Asbestos Emu Picking
- Mark up and sequence of removal areas (approx 900m2 per area)

The site supervisor will ensure personnel have been inducted into contents of ARCP and SWMS. Persons engaged in the work are to have completed formal training in non friable asbestos removal work.

All persons engaged in the work and/or entering the work area, are to wear the following: Steel-capped boots, hard hat, disposable full length coveralls with elastic hood and cuffs and disposable P2 mask.

Monitoring for airborne asbestos fibres may be undertaken at the perimeter of the asbestos removal area if specified by hygienist or client.

5.2 Mark Up and Specific Grid Procedures

A grid reference mark up has been attached to this plan as Appendix F

Specified procedures for each grid area are listed below and are to be handled in compliance with Section 5.3 Methodology

Grid Areas 1,2,4,5,6,7,9,11

Visual assessment of these areas is to be conducted in compliance with EIS/JKE letter titled: Additional Visual Assessment of Waste. The visual assessment and removal of visible ACM will occur under control conditions with same PPE as outlined under Emu Picking Methodology.

Grid Areas 13,14,15

Asbestos Removal works for these area areas are to be completed in compliance with Emu Picking Methodology

Grid Areas 3,8,10,12

Asbestos Removal works for these areas will be conducted in compliance with Asbestos Removal Methodology.

Grid 8 and 12 Piling Works

Due to the fact that the occurrence of asbestos has been observed to be minor the piling works in these zones may be undertaken without asbestos controls in place under the proviso that the asbestos supervisor:

- a) Conducts surface clearance inspections of ground surface and piling spoil
- b) Maintains a daily log of inspections

5.3 Methodology

Emu Picking (Fill Area)

Prior to commencement the selected mark up area for emu picking will be fenced off with asbestos warning tape and "asbestos removal" warning signs to be erected around the asbestos removal work area. Warning signage to be erected, conforming to AS 1319, to identify presence of asbestos in the area.

A walk over of the selected mark up area will be conducted to emu pick asbestos from the surface.

Following walk over, a rake or excavator will be used to disturb the top 100mm layer of the selected grid area. The area is to be emu picked in a grid like manner (eg north to south every 2 meters, then east to west every 2 meters). A minimum two passes are to be conducted in this manner and process repeated until visual inspection confirms there is no visual asbestos within the mark up area

Following completion of emu picking, warning tape and signs are to remain in place until the specific mark up area has been inspected by EIS Licenced Asbestos Assessor

The above process is to be repeated for each mark up area on site.

Asbestos is to be wrapped using bags labelled for asbestos waste and heavy duty 200um polythene sheeting. Asbestos waste is to be placed to asbestos storage area and removed from site as soon as possible following completion of removal.

The asbestos contaminated waste is to be transported to a landfill site licensed to accept special waste – asbestos waste in accordance with the requirements of the NSW Office of Environmental and Heritage (NSW OEH)

The tracking of asbestos waste with EPA Waste Locate tracking system will not be required due to the minimal quantity of asbestos

Emu Picking (Tree protection Zone)

Emu Picking in the TPZ will be conducted in the same manner as per demolition area though the use of excavators is not permitted. Only rakes are to be used.

Warning Tape and warning signs will only be placed to perimeter of TPZ to avoid star pickets being used within TPZ)

Arborist is be consulted to approve emu picking method prior to commencement of work within TPZ

Asbestos Removal (Cut Zone)

Prior to commencing work in the asbestos removal area will be fenced off with asbestos warning tape and “asbestos removal” warning signs to be erected around the asbestos removal work area. Warning signage to be erected, conforming to AS 1319, to identify presence of asbestos in the area.

Appendix J1.1

The quantity of asbestos contaminated material to be removed will be dependent upon the Hygienists assessment on site. Material will be removed and the area around excavated to a depth as determined by the hygienist until no visible signs of asbestos are present

Water spray is to be used to minimise dust generation during the loading out. The Soil is to be wetted prior to and during excavation to prevent fugitive dust emissions. Loading out of the asbestos contaminated soil and debris should not be carried out during high winds which may carry dust into adjoining areas.

The asbestos contaminated soil is to be loaded out into trucks or bins for transport to a landfill site licensed to accept special waste – asbestos waste in accordance with the requirements of the NSW Office of Environmental and Heritage (NSW OEH)

Asbestos Loads are to be recorded on daily truck run sheet including arrival and departure times. Upon disposal of asbestos contaminated soil, tip dockets are to be obtained from waste facility and copies provided to client.

The Transport of the asbestos contaminated waste is to be undertaken in covered leak proof vehicles and is to be disposed of at a landfill site that can lawfully receive this waste in accordance with the ‘Section 42 – Special Requirements Relating to Asbestos Waste’ as detailed in the Protection of the Environmental Operations (Waste) Regulations 2005 Under the Protection of the Environmental Operations Act 1997

Decontamination of Tools and Equipment

All trucks and plant are to be visually inspected for ACM prior to moving between grids to ensure no visible asbestos.

Trucks and Plant are not to move from an uncleared area to a cleared area without first having soil removed from wheels, tracks and other parts of trucks and machinery as necessary.

All contaminated items, tools, equipment must not be removed from the removal work area unless they have been decontaminated or contained.

Tools and equipment are to be wiped down using using damp rags to decontaminate. Used rags are to be disposed of as asbestos contaminated waste.

Personal Decontamination and disposal of PPE/RPE

A full decontamination unit is not required during the removal of non friable asbestos.

A decontamination area is to be established on site. All persons exiting the work area are to follow Personal Decontamination Procedures as follows:

- wipe coveralls, shoes, eye protection with damp cloth
- wipe respirator with damp cloth.
- Remove coveralls, shoes and any other PPE
- Remove respirator
- Wash face and hands with soapy water. Pay attention to under the fingernails.

All disposable PPE/RPE is to be disposed of as asbestos waste

Clearance and Inspections

Chalouhi's asbestos supervisor to undertake daily inspection of Grids 8 and 12 during piling and daily inspections of the surface soils in the remaining grids until the point that a surface clearance certificates prepared by EIS/JKE (a log of the inspections including the date, time and grid reference should be kept).

Following asbestos removal from each grid area, the area is to be inspected by EIS/JKE Licenced Asbestos Assesor to provide clearance that area is clear of asbestos and to provide clearance certificate.

Work can continue without the use of Asbestos related PPE/RPE once clearance has been provided. Warning Tape and Danger signs can then be removed from the work area. All documentation such as landfill dockets, air monitoring results (if applicable) will be retained and copy provided to client.



FRIABLE ASBESTOS REMOVAL LICENCE

Issued under the *Work Health and Safety Regulation 2011* (NSW). This licence is not transferable.

Licence: AD212137

Licence class: Class A

Licence period: From: 27/03/2015 To: 26/03/2020

Licence holder name: Remedial Civil Solutions Pty Ltd

ABN: 45 162 770 283

ACN: 162 770 283

Address: U 1 54-56 Harley Cres CONDELL PARK NSW 2200

Description of the work that can be undertaken under this licence

- All friable asbestos removal work.
- All non friable asbestos removal work.

Licence Holder Obligations

A nominated supervisor must be present at the site whenever licensed friable asbestos removal work is being carried out and is readily available to attend the site when licensed non friable asbestos removal work is being carried out.

This licence document must be available for inspection.

All licensed asbestos removal work is to be notified to WorkCover NSW at least 5 days prior to the work commencing.

The licence holder must notify WorkCover NSW in writing of any changes in licence or supervisor details within 14 days.

Environment Protection Licence

Section 55 Protection of the Environment Operations Act 1997

Environment Protection Licence

Licence - 20240

NSW

EPA

Licence Details

Number:20240

Anniversary Date:28-March

Licensee

REMEDIAL CIVIL SOLUTIONS PTY LTD

OFFICE 1 54-56 HARLEY CRESCENT

CONDELL PARK NSW 2200

Scheduled Activity

Transport of Trackable Waste

Fee Based Activity

Transport of category 1 trackable waste

Scale

Any annual capacity

Region

Hazardous Materials, Chemicals & Radiation

59-61 Goulburn Street

SYDNEY NSW 2000

Phone: (02) 9995 5000

Fax: (02) 9995 5999

PO Box A290 SYDNEY SOUTH

NSW 1232

Environment Protection Authority - NSW

Licence version date: 1-Sep-2013

Page 1 of 10

Asbestos Removal Control Plan (Emu Pick) -Revision 1.3

Page 13

APPENDIX B –PUBLIC LIABILITY INSURANCE

	 LIU Certificate of Currency
LIU Certificate of Currency	Primary Liability Insurance Certificate of Currency This Certificate: • Is issued as a matter of information only and confers no rights upon the holder. • Does not amend, extend or alter the coverage afforded by the Policy(ies) listed. • Is only a summary of the cover provided. • Reference must be made to the current Policy wording for full details. • Is current at the date of issue only. This certificate confirms that the under mentioned Policy is effective in accordance with the details shown: Insured: Remedial Civil Solutions Pty Ltd Policy Number: SYCAS17417747B Period of Insurance: From: 31 March 2019 To: 31 March 2020 Both dates 4:00pm local standard time Limit of Indemnity: AUD20,000,000 any one Occurrence in respect of public liability and in the aggregate during the Period of Insurance in respect of Product liability. Asbestos Removalists Liability AUD20,000,000 any one Claim or Claims and in the aggregate during the Period of Insurance.  ABN: 61 086 083 605 For and on behalf of Liberty International Underwriters <u>28 March 2019</u> Date Liberty International Underwriters is a trading name of Liberty Mutual Insurance Company (ABN 086 083 605). Incorporated in Massachusetts, U.S.A. (The liability of members is limited).  THE PEOPLE, THE PRODUCTS, THE CAPACITY™ Liberty LIU Liberty Mutual
	This Certificate and the documents which it includes by reference are provided solely for the prospective insured named in this Certificate and may not be relied on in whole, or in part, by any other person or entity. The information in this Certificate is confidential and is intended for the use of the individual or entity named above. If you have received this communication in error, please notify us immediately by telephone 02 8298 5800 and return or securely destroy the Certificate and any enclosed documents. Thank you.

APPENDIX C –WORKERS COMPENSATION INSURANCE

icare[™] workers insurance	certificate of currency nsw	
issue date 05/04/2019		
print date 05/04/2019		
Wendy Thurlow REMEDIAL CIVIL SOLUTIONS PTY LTD Unit 2 22 Centenary Avenue MOOREBANK NSW 2170		
Dear Wendy		
statement of coverage The following policy of insurance covers the full amount of the employer's liability under the <i>Workers Compensation Act 1987 (NSW)</i> .	valid until J1.1 30/04/2020	
policy number 101295201	legal name REMEDIAL CIVIL SOLUTIONS PTY LTD	
trading name CHALOUHI	abn 45 162 770 283	acn
industry classification number (WIC) 421020 Site Preparation Services	number of workers* 45	wages/units* \$3,060,000.00
+ Number of workers includes contractors/deemed workers + Total wages/units estimated for the current period		

important information

Principals relying on this certificate should ensure it is accompanied by a statement under section 175B of the *Workers Compensation Act 1987 (NSW)*. Principals should also check and satisfy themselves that the information is correct and ensure that the proper workers compensation insurance is in place, ie. compare the number of employees on site to the average number of employees estimated; ensure that the wages are reasonable to cover the labour component of the work being performed; and confirm that the description of the industry/industries noted is appropriate. A principal contractor may become liable for any outstanding premium of the sub-contractor if the principal has failed to obtain a statement or has accepted a statement where there was reason to believe it was false.

Yours faithfully,



Jason McLaughlin
General Manager, Loss Prevention and Pricing
icare workers insurance

To be attached upon receipt

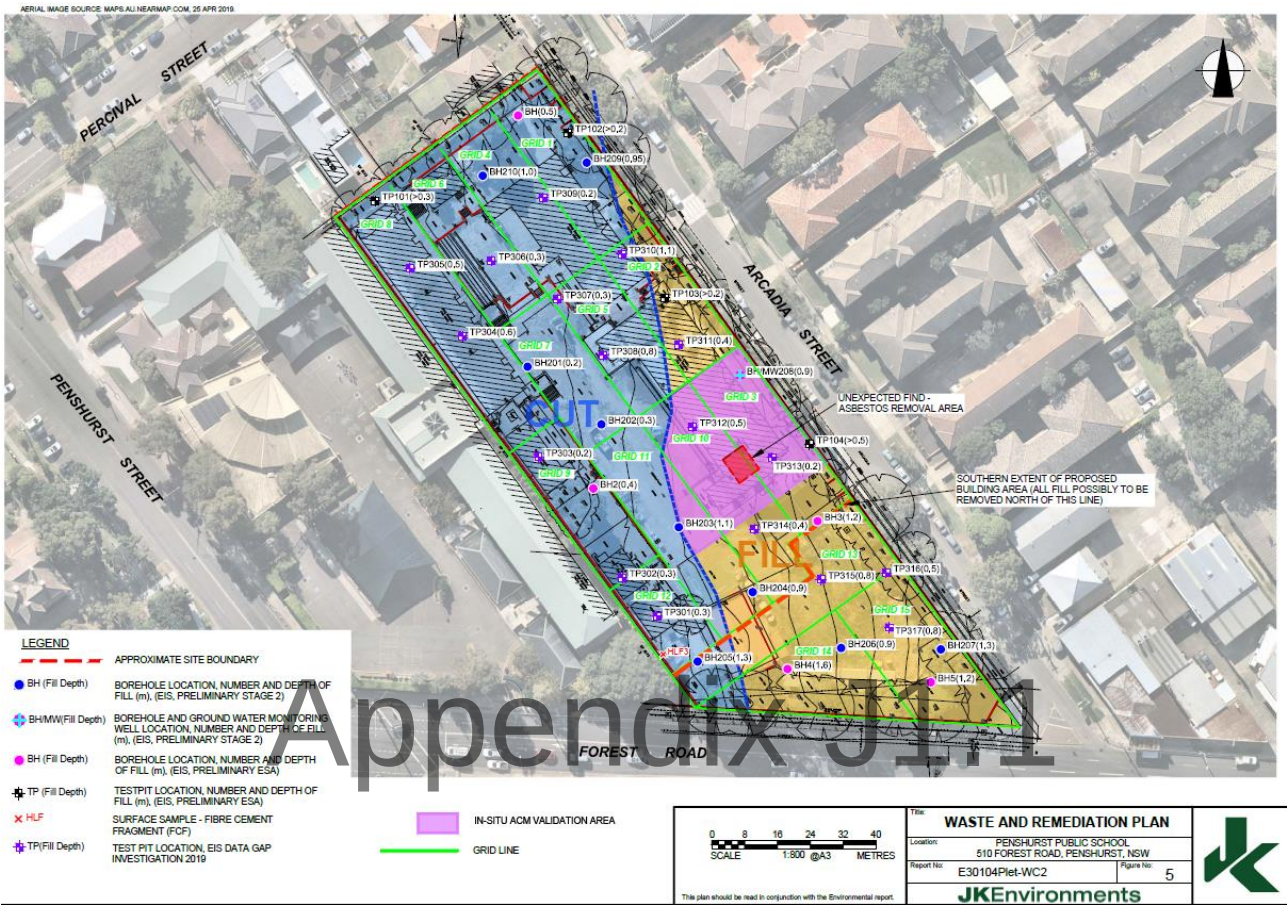
Appendix J1.1

APPENDIX E – SAFE WORK METHOD STATEMENT (SWMS)

High Risk Safe Work Method Statement (accompanies this ARCP)

Appendix J1.1

APPENDIX F – GRID REFERENCE



J1.2 – Asbestos Clearance Certificates by others



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

8 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Thursday 8 August 2019 of the exposed surface of the fill soil within the Grid 4 and 6 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 8 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 8 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 8 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
8 August 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

8 August 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 8 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

8 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Thursday 8 August 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of and steel fixing work on 8 August 2019.

This inspection was carried out to verify that the piling and steel fixing work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 8 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 8 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 8 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
8 August 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

8 August 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 8 August 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 8 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

9 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Friday 98 August 2019 of the exposed surface of the fill soil within the Grid 4 and 6 areas within the Peshurst Public School site in Forest Road, Peshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 9 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 9 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 9 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Peshurst Public School construction site in Forest Road, Peshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
9 August 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

9 August 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 9 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

9 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Friday 9 August 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of and steel fixing work on 9 August 2019.

This inspection was carried out to verify that the piling and steel fixing work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 9 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 9 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 9 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
9 August 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

9 August 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 9 August 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 9 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

12 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Monday 12 August 2019 of the exposed surface of the fill soil within the Grid 4 and 6 areas within the Peshurst Public School site in Forest Road, Peshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 12 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 12 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 12 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Peshurst Public School construction site in Forest Road, Peshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
12 August 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

12 August 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 12 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

12 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Monday 12 August 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of and steel fixing work on 12 August 2019.

This inspection was carried out to verify that the piling and steel fixing work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 12 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 12 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 12 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
12 August 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

12 August 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 12 August 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 12 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

13 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Tuesday 13 August 2019 of the exposed surface of the fill soil within the Grid 4 and 6 areas within the Peshurst Public School site in Forest Road, Peshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 13 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 13 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 13 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Peshurst Public School construction site in Forest Road, Peshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
13 August 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", followed by a small dot.

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

13 August 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 13 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

13 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Tuesday 13 August 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of and steel fixing work on 13 August 2019.

This inspection was carried out to verify that the piling and steel fixing work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 13 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 13 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 13 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
13 August 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

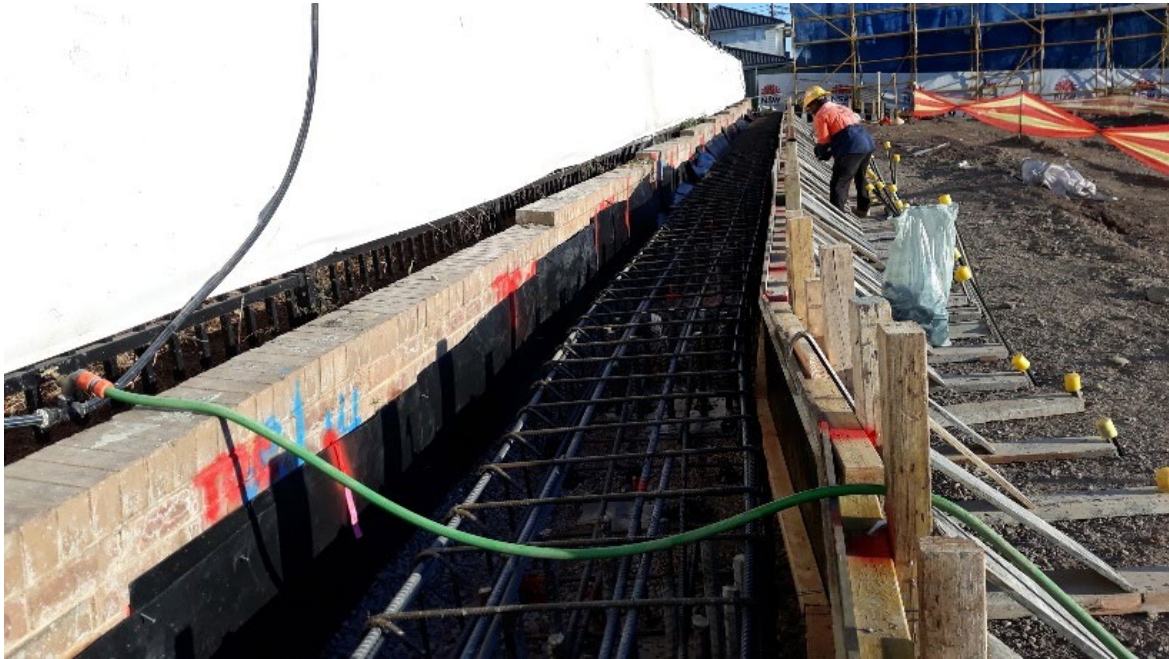
Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

13 August 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 13 August 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 13 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

14 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Wednesday 14 August 2019 of the exposed surface of the fill soil within the Grid 4 and 6 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 14 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 14 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 14 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
14 August 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", followed by a small dot.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

14 August 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 14 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

14 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Wednesday 14 August 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of and steel fixing work on 14 August 2019.

This inspection was carried out to verify that the piling and steel fixing work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 14 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 14 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 14 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2

14 August 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

14 August 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 14 August 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 14 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

12 April 2019

Mr Norman Chalouhi
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: ASBESTOS REMOVAL CLEARANCE CERTIFICATION
BLOCK D, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

At your request, a visual inspection was carried out on Thursday 11 April 2019 following the completion of the removal of non-friable asbestos containing construction materials from within Block D at the Penshurst Public School located in Forest Road, Penshurst NSW (the site).

The asbestos removal work at the site was carried out by Remedial Civil Solutions (Chalouhi), a SafeWork NSW Class A friable licenced asbestos removal contractor.

This inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 11 April 2019 found all of the following non-friable asbestos containing construction materials to have been satisfactorily removed from the Block D building at the site:

- Flat asbestos cement sheet external wall cladding.
- Flat asbestos cement sheet wall linings from within the amenities rooms.
- Flat asbestos cement sheet ceiling and wall linings from within the main room in the building.

The timber framing from which these materials were removed, the ground areas adjacent to the external walls of the building and the floors and other surfaces within the building were all found to be free of asbestos material debris from this work.

Based on the findings of the visual inspection which found all of the accessible non-friable asbestos containing materials to have been removed from the Block D building at the Penshurst Public School located in Forest Road, Penshurst NSW, we confirm that the asbestos removal work areas within this building may be accessed without the use of asbestos PPE for demolition work to be undertaken.



Page 2 of 2
12 April 2019

Following demolition, the ground surfaces below the building are to be inspected for the presence of asbestos cement sheet debris. Where present, these materials are to be removed and disposed of as asbestos waste in accordance with the requirements of SafeWork NSW and the NSW Environment Protection Authority (NSW EPA).

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", is positioned below the company name.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

1 May 2019

Mr Norman Chalouhi
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: ASBESTOS REMOVAL CLEARANCE CERTIFICATION
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

At your request, a visual inspection was carried out on Tuesday 30 April 2019 following the completion of the removal of non-friable asbestos containing construction materials from within Block A at the Penshurst Public School located in Forest Road, Penshurst NSW (the site).

The asbestos removal work at the site was carried out by Remedial Civil Solutions (Chalouhi), a SafeWork NSW Class A friable licenced asbestos removal contractor.

This inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 30 April 2019 found all of the following non-friable asbestos containing construction materials to have been satisfactorily removed from the Block A building at the site:

- Flat asbestos cement sheet ceiling linings from within the upper level rooms in the building.
- Flat asbestos cement sheet ceiling linings from within the stairwell areas in the building.
- Flat fibrous cement sheet wall linings from within the upper level.
- Flat asbestos cement sheet ceiling linings from within the lower level rooms in the building.
- Flat fibrous cement sheet wall linings from within the lower level.
- Compressed asbestos cement sheet blackboards from within Rooms 6 and 7.

The timber framing from which these materials were removed and the floors and other surfaces within the building were all found to be free of asbestos material debris from this work.

Based on the findings of the visual inspection which found all of the accessible non-friable asbestos containing materials to have been removed from the Block A building at the Penshurst Public School located in Forest Road, Penshurst NSW, we confirm that the asbestos removal work areas within this building may be accessed without the use of asbestos PPE for demolition work to be undertaken.



Page 2 of 2

1 May 2019

During demolition the asbestos cement sheet packing pieces within the timber floor framing are to be removed and disposed of as asbestos waste.

Following demolition, the ground surfaces below the building are to be inspected for the presence of asbestos cement sheet debris. Where present, these materials are to be removed and disposed of as asbestos waste in accordance with the requirements of SafeWork NSW and the NSW Environment Protection Authority (NSW EPA).

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", is written over a light blue horizontal line.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

31 May 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: ASBESTOS CONTAMINATED SOIL REMOVAL CLEARANCE CERTIFICATION
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Thursday 30 May 2019 following the excavation and loading out of stockpiled soil containing asbestos cement sheet debris in the Block A area within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

The asbestos removal work at the site was carried out by Remedial Civil Solutions, a SafeWork NSW Class A friable licenced asbestos removal contractor.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken at the completion of the removal of the asbestos contaminated soil stockpiles within the site on 30 May 2019 was carried out by completing a systematic walkover of the exposed soil in the stockpile removal area. The visual inspection found the exposed soil in the area from which the stockpiled soil was removed to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground area at the completion of the soil removal work.

Airborne Asbestos Fibre Monitoring

Monitoring for airborne asbestos fibres was undertaken in conjunction with the asbestos removal work on 30 May 2019. This monitoring returned a result of less than 0.01 fibres per millilitre of air (<0.01 fibres/ml) which is below the lowest detectable level using the membrane filter method [NOHSC:3003(2005)].



Page 2 of 2
31 May 2019

The National Occupational Health and Safety Commission recommended maximum exposure level for airborne asbestos fibres is 0.1 fibres per millilitre of air (as an 8-hour time weighted average).

A copy of the air monitoring report is attached.

Summary

Based on the findings of the visual inspection of the exposed soil remaining in the stockpile area in the location of former Block A at the site which found there to be no visible asbestos containing material to be present and the results of the airborne asbestos fibre monitoring which were below the lowest detectable level for the estimation of airborne asbestos fibre levels, we confirm that the removal of the stockpiled asbestos contaminated soil in the Block A area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street has been satisfactorily completed and this area of the site may be accessed without the use of asbestos personal protective equipment (PPE).

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachments: Photograph, Airborne Asbestos Fibre Monitoring Report



PHOTOGRAPH

31 May 2019



**Ground area on which soil was located in the Block A area at the Penshurst Public School
at completion of the visual clearance inspection on 30 May 2019**



AIRBORNE ASBESTOS FIBRE MONITORING REPORT

31 May 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Thursday 30 May 2019 during the excavation and loading out of stockpiled fill soil containing asbestos cement sheet debris from the area on which Block A was located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/C29/1	East side of removal area on street fence	09:40	11:00	0.0/100	<0.01
PCA 6174 - 2019/G87/2	West side of removal area	09:42	11:02	1.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2
31 May 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 31 May 2019
ESP Job Number: J40961
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019)
Sampled By: As received
Date Received: 31 May 2019
Date Analysed: 31 May 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
64799	C29/1	Nil / 100
64800	G87/2	1 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Mathew Cupic
Approved Signatory: Mathew Cupic





PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

23 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF FILL SOIL REMAINING IN GRID 8
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Monday 22 July 2019 following the levelling and compaction of fill soil in the Grid 8 area within the Peshurst Public School site in Forest Road, Peshurst NSW, corner Arcadia Street. A site plan showing the Grid 8 area is attached.

The asbestos removal work at the site was carried out by Remedial Civil Solutions, a SafeWork NSW Class A friable licenced asbestos removal contractor.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken at the completion of the soil levelling and compaction work in the Grid 8 area at the site on 22 July 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 area at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 area to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground area at the completion of the visual walkover clearance inspection on 22 July 2019.

Airborne Asbestos Fibre Monitoring

Monitoring for airborne asbestos fibres was undertaken in the vicinity of this area of the site on 18, 19 and 22 July 2019. This monitoring returned a result of less than 0.01 fibres per millilitre of air (<0.01 fibres/ml) which is below the lowest detectable level using the membrane filter method [NOHSC:3003(2005)].



Page 2 of 2
23 July 2019

The National Occupational Health and Safety Commission recommended maximum exposure level for airborne asbestos fibres is 0.1 fibres per millilitre of air (as an 8-hour time weighted average).

Summary

Based on the findings of the visual inspection of the exposed surface of the fill soil remaining in the Grid 8 area at the site which found there to be no visible asbestos containing material to be present (on the ground surface) and the results of the airborne asbestos fibre monitoring which were below the lowest detectable level for the estimation of airborne asbestos fibre levels, we confirm that the Grid 8 area within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE).

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 area and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", followed by a small dot.

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPH

23 July 2019



Location of Grid 8 area within green outline at the Penshurst Public School, corner of Forest Road and Acacia Street, Penshurst NSW which was inspected on 22 July 2019



Looking across the Grid 8 area at the Penshurst Public School at completion of visual walkover inspection on 22 July 2019



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

25 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF FILL SOIL REMAINING IN GRID 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Wednesday 24 July 2019 following the levelling and compaction of fill soil in the Grid 12 area within the Peshurst Public School site in Forest Road, Peshurst NSW, corner Arcadia Street. A site plan showing the Grid 12 area is attached.

The asbestos removal work at the site was carried out by Remedial Civil Solutions, a SafeWork NSW Class A friable licenced asbestos removal contractor.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken at the completion of the soil levelling and compaction work in the Grid 8 area at the site on 24 July 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 12 area at the site. The visual inspection found the exposed surface of the fill soil in the Grid 12 area to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground area at the completion of the visual walkover clearance inspection on 24 July 2019.

Airborne Asbestos Fibre Monitoring

Monitoring for airborne asbestos fibres was undertaken in the vicinity of this area of the site on 23 and 24 July 2019. This monitoring returned a result of less than 0.01 fibres per millilitre of air (<0.01 fibres/ml) which is below the lowest detectable level using the membrane filter method [NOHSC:3003(2005)].



Page 2 of 2

25 July 2019

The National Occupational Health and Safety Commission recommended maximum exposure level for airborne asbestos fibres is 0.1 fibres per millilitre of air (as an 8-hour time weighted average).

Summary

Based on the findings of the visual inspection of the exposed surface of the fill soil remaining in the Grid 12 area at the site which found there to be no visible asbestos containing material to be present (on the ground surface) and the results of the airborne asbestos fibre monitoring which were below the lowest detectable level for the estimation of airborne asbestos fibre levels, we confirm that the Grid 12 area within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE).

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 12 area and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

25 July 2019



Location of Grid 12 area within green outline at the Penshurst Public School, corner of Forest Road and Acacia Street, Penshurst NSW which was inspected on 24 July 2019



Looking across the Grid 12 area at the Penshurst Public School at completion of visual walkover inspection on 24 July 2019



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

26 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Friday 26 July 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of piling work on 26 July 2019.

This inspection was carried out to verify that the piling work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 26 July 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 26 July 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 26 July 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
26 July 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

26 July 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 26 July 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 26 July 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

27 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRID 8
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken at the completion of piling work on Friday 26 July 2019 of the exposed surface of the fill soil within the Grid 8 area within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the piling work that is being undertaken in this area of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken at the commencement of piling work on 26 July 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 area at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 area to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground area in Grids 8 at the completion of the visual walkover clearance inspection on the afternoon of 26 July 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 area at the site on 26 July 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 area within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken on 27 July 2019.



Page 2 of 2
27 July 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 area and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

27 July 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 26 July 2019 (afternoon)**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

29 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Monday 29 July 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of piling work on 29 July 2019.

This inspection was carried out to verify that the piling work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 29 July 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 29 July 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 29 July 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
29 July 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

29 July 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 29 July 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 29 July 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

29 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Monday 29 July 2019 of the exposed surface of the spread fill soil within the Grid 4 and 6 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 29 July 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 29 July 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 29 July 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
29 July 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in blue ink, appearing to read "P. Clifton", is positioned below the company name.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

29 July 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 29 July 2019 (within green outline)**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

30 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Tuesday 30 July 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of piling work on 30 July 2019.

This inspection was carried out to verify that the piling work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 30 July 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 30 July 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 30 July 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
30 July 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

30 July 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 30 July 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 30 July 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

31 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Wednesday 31 July 2019 of the exposed surface of the fill soil within the Grid 4 and 6 areas within the Peshurst Public School site in Forest Road, Peshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 31 July 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 31 July 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 31 July 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Peshurst Public School construction site in Forest Road, Peshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
31 July 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", followed by a small dot.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

31 July 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 31 July 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

31 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Wednesday 31 July 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of piling work on 31 July 2019.

This inspection was carried out to verify that the piling work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 31 July 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 31 July 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 31 July 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
31 July 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

31 July 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 31 July 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 31 July 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

1 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Thursday 1 August 2019 of the exposed surface of the fill soil within the Grid 4 and 6 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 1 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 1 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 1 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
1 August 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

1 August 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 1 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

1 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Thursday 1 August 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of piling work on 31 August 2019.

This inspection was carried out to verify that the piling work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 1 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 1 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 1 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
1 August 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

1 August 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 1 August 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 1 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

2 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Friday 2 August 2019 of the exposed surface of the fill soil within the Grid 4 and 6 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 2 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 2 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 2 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
2 August 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

1 August 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 2 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

2 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Friday 2 August 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of piling work on 31 August 2019.

This inspection was carried out to verify that the piling and steel fixing work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 2 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 2 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 2 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
2 August 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

2 August 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 2 August 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 2 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

5 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Monday 5 August 2019 of the exposed surface of the fill soil within the Grid 4 and 6 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 5 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 5 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 5 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
5 August 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

5 August 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 5 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

5 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Monday 5 August 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of piling work on 5 August 2019.

This inspection was carried out to verify that the piling and steel fixing work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 5 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 5 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 5 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
5 August 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

5 August 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 5 August 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 5 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

6 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Tuesday 6 August 2019 of the exposed surface of the fill soil within the Grid 4 and 6 areas within the Peshurst Public School site in Forest Road, Peshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 6 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 6 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 6 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Peshurst Public School construction site in Forest Road, Peshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
6 August 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", followed by a small dot.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

6 August 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 6 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

6 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Tuesday 6 August 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of and steel fixing work on 6 August 2019.

This inspection was carried out to verify that the piling and steel fixing work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 6 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 6 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 6 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
6 August 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

6 August 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 6 August 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 6 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

7 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 4 AND 6
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Wednesday 7 August 2019 of the exposed surface of the fill soil within the Grid 4 and 6 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This inspection was carried out to verify that the exposed soil within these grid areas is free of visible asbestos containing material to allow for piling work to be undertaken in these areas of the site.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken on 7 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 4 and 6 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 4 and 6 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photograph showing the ground areas in Grids 4 and 6 at the completion of the visual walkover clearance inspection on 7 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 4 and 6 areas at the site on 7 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 4 and 6 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
7 August 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", followed by a small dot.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photograph



PHOTOGRAPH

7 August 2019



**Looking across the Grid 4 and 6 areas at the Penshurst Public School
at completion of visual walkover inspection on 7 August 2019**



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

7 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: INSPECTION OF GROUND SURFACES ACROSS FILL SOIL IN GRIDS 8 AND 12
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to the visual inspection undertaken on Wednesday 7 August 2019 of the exposed surface of the fill soil within the Grid 8 and 12 areas within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street. This inspection was carried out prior to the commencement of and steel fixing work on 7 August 2019.

This inspection was carried out to verify that the piling and steel fixing work that is being undertaken in these areas of the site has not exposed asbestos cement sheet debris from within the soil.

The visual clearance inspection, which was of a visual nature only, was carried out in accordance with the Section 3.10 of the How to Safely Remove Asbestos Code of Practice issued by Safe Work Australia and Clause 473 of the NSW Work Health and Safety Regulation 2017. This clearance certificate has been compiled in accordance with the requirements of Clause 474 of the NSW Work Health and Safety Regulation 2017.

The visual inspection undertaken prior to the commencement of work on 7 August 2019 was carried out by completing a systematic walkover of the exposed soil in the Grid 8 and 12 areas at the site. The visual inspection found the exposed surface of the fill soil in the Grid 8 and 12 areas to be free of visible asbestos containing material such as fragments of asbestos cement.

See attached photographs showing the ground areas in Grids 8 and 12 at the completion of the visual walkover clearance inspection on 7 August 2019.

Based on the findings of the visual inspection of the exposed surface of the fill soil within the Grid 8 and 12 areas at the site on 7 August 2019 which found there to be no visible asbestos containing material to be present (on the ground surface), we confirm that the Grid 8 and 12 areas within the Grindley construction area at the Penshurst Public School construction site in Forest Road, Penshurst NSW, corner Arcadia Street may be accessed without the use of asbestos personal protective equipment (PPE) for construction work to be undertaken.



Page 2 of 2
7 August 2019

We note that there may be pieces of asbestos cement sheet present within the fill soil that is located in the Grid 8 and 12 areas and excavation within the soil, when required, should be carried out as asbestos removal work using asbestos PPE.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton".

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor LAA000119

Attachment: Photographs



PHOTOGRAPHS

7 August 2019



**Looking across the Grid 8 area at the Penshurst Public School
at completion of visual walkover inspection on 7 August 2019**



**Looking across the Grid 12 area at the Penshurst Public School
at completion of visual walkover inspection on 7 August 2019**

J1.3 – Asbestos Air Fibre Monitoring

22 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Thursday 18 July 2019 during the excavation and loading out of stockpiled fill soil containing asbestos cement sheet debris from the Grids 3 and 10 excavation areas located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/3	North east of stockpile area	07:00	15:30	0.0/100	<0.01
PCA 6174 - 2019/G40/4	North west of stockpile area	07:02	15:32	0.0/100	<0.01
PCA 6174 - 2019/I10/5	South west of stockpile area	07:04	15:34	0.0/100	<0.01
PCA 6174 - 2019/P01/6	South side of stockpile area	07:06	15:36	1.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2
22 July 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

22 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Friday 19 July 2019 during the excavation and loading out of stockpiled fill soil containing asbestos cement sheet debris from the Grids 3 and 10 excavation areas located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/7	North east of stockpile area	07:00	15:25	0.5/100	<0.01
PCA 6174 - 2019/G40/8	North west of stockpile area	07:02	15:27	2.0/100	<0.01
PCA 6174 - 2019/I10/9	South west of stockpile area	07:04	15:29	1.0/100	<0.01
PCA 6174 - 2019/P01/10	South side of stockpile area	07:06	15:31	2.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2
22 July 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 22 July 2019

ESP Job Number: J41235

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 22 July 2019

Date Analysed: 22 July 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66037	B30/3	Nil / 100
66038	G40/4	Nil / 100
66039	I10/5	Nil / 100
66040	P1/6	1 / 100
66041	B30/7	0.5 / 100
66042	G40/8	2 / 100
66043	I10/9	1 / 100
66044	P1/10	2 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Mathew Cupic
Approved Signatory: Mathew Cupic



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing

24 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Monday 22 July 2019 during the excavation and loading out of stockpiled fill soil containing asbestos cement sheet debris from the Grids 3 and 10 excavation areas located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/11	South side of stockpile area	07:00	15:50	2.0/100	<0.01
PCA 6174 - 2019/G40/12	North east of stockpile area	07:02	15:52	2.5/100	<0.01
PCA 6174 - 2019/I10/13	South east of stockpile area	07:04	15:54	1.0/100	<0.01
PCA 6174 - 2019/P01/14	North west of stockpile area	07:06	15:56	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2
24 July 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 24 July 2019
ESP Job Number: J41254
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019)
Sampled By: As received
Date Received: 24 July 2019
Date Analysed: 24 July 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66128	B30/11	2 / 100
66129	G40/12	2.5 / 100
66130	I10/13	1 / 100
66131	P1/14	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Mathew Cupic
Approved Signatory: Mathew Cupic



Accreditation No. 3110

26 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 23 July 2019 during the excavation and loading out of stockpiled fill soil containing asbestos cement sheet debris from the Grids 3 and 10 excavation areas located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/15	South side of stockpile area	07:00	15:50	3.0/100	<0.01
PCA 6174 - 2019/G40/16	North east of stockpile area	07:02	15:52	0.0/100	<0.01
PCA 6174 - 2019/I10/17	South east of stockpile area	07:04	15:54	1.0/100	<0.01
PCA 6174 - 2019/P01/18	North west of stockpile area	07:06	15:56	3.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
26 July 2019

The NATA endorsed laboratory report is attached. Samples 23 – 26 do not relate to work on 23 July 2019.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in dark ink, appearing to read "P. Clifton", is positioned below the company name.

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 26 July 2019

ESP Job Number: J41265

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 26 July 2019

Date Analysed: 26 July 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66209	B30/15	3 / 100
66210	G40/16	Nil / 100
66211	I10/17	1 / 100
66212	P1/18	3 / 100
66213	B30/23	0.5 / 100
66214	G40/24	1 / 100
66215	I10/25	Nil / 100
66216	P1/26	3 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Mathew Cupic
Approved Signatory: Mathew Cupic



Accreditation No. 3110

26 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Wednesday 24 July 2019 during the excavation, spreading and compacting fill soil near Grids 8 and 12 located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/19	South side at site entry gate	07:00	15:30	4.5/100	<0.01
PCA 6174 - 2019/G40/20	North east on boundary fence	07:02	15:32	0.0/100	<0.01
PCA 6174 - 2019/I10/21	South east on boundary fence	07:04	15:34	2.0/100	<0.01
PCA 6174 - 2019/P01/22	North west near Grid 8	07:06	15:36	2.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
26 July 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 25 July 2019
ESP Job Number: J41257
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019)
Sampled By: As received
Date Received: 25 July 2019
Date Analysed: 25 July 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66158	B30/19	4.5 / 100
66159	G40/20	Nil / 100
66160	I10/21	2 / 100
66161	P1/22	2 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Mathew Cupic
Approved Signatory: Mathew Cupic



Accreditation No. 3110

26 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Thursday 25 July 2019 during the excavation, spreading and compacting fill soil near Grids 8 and 12 located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/23	South side at site entry gate	07:00	15:15	0.5/100	<0.01
PCA 6174 - 2019/G40/24	North east on boundary fence	07:02	15:17	1.0/100	<0.01
PCA 6174 - 2019/I10/25	South east on boundary fence	07:04	15:19	0.0/100	<0.01
PCA 6174 - 2019/P01/26	North west near Grid 8	07:06	15:21	3.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
26 July 2019

The NATA endorsed laboratory report is attached. Samples 15 – 18 on the laboratory report do not relate to work on 25 July 2019.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 26 July 2019

ESP Job Number: J41265

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 26 July 2019

Date Analysed: 26 July 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66209	B30/15	3 / 100
66210	G40/16	Nil / 100
66211	I10/17	1 / 100
66212	P1/18	3 / 100
66213	B30/23	0.5 / 100
66214	G40/24	1 / 100
66215	I10/25	Nil / 100
66216	P1/26	3 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Mathew Cupic
Approved Signatory: Mathew Cupic



Accreditation No. 3110

29 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Friday 26 July 2019 during the excavation, spreading and compacting fill soil near Grids 8 and 12 located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/27	South side at site entry gate	07:00	15:15	4.0/100	<0.01
PCA 6174 - 2019/G40/28	North east on boundary fence	07:02	15:17	1.0/100	<0.01
PCA 6174 - 2019/I10/29	South east on boundary fence	07:04	15:19	3.0/100	<0.01
PCA 6174 - 2019/P01/30	North west near Grid 8	07:06	15:21	2.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
29 July 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 29 July 2019
ESP Job Number: J41274
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019, Penshurst, NSW)
Sampled By: As received
Date Received: 29 July 2019
Date Analysed: 29 July 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66241	B30/27	4 / 100
66242	G40/28	1 / 100
66243	I10/29	3 / 100
66244	P1/30	2 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Mathew Cupic
Approved Signatory: Mathew Cupic



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing

31 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Saturday 27 July 2019 during piling work in Grids 8 and 12 located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/31	South side at site entry gate	08:00	11:45	2.0/100	<0.01
PCA 6174 - 2019/G40/32	South centre area adjacent to piling	08:02	11:47	1.0/100	<0.01
PCA 6174 - 2019/I10/33	North centre area adjacent to piling	08:04	11:49	2.0/100	<0.01
PCA 6174 - 2019/P01/34	Northern end of piling area	08:06	11:51	2.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
31 July 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

31 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Monday 29 July 2019 during piling work in Grids 8 and 12 located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/35	South side at site entry gate	07:00	15:30	1.0/100	<0.01
PCA 6174 - 2019/G40/36	South centre area adjacent to piling	07:02	15:32	2.0/100	<0.01
PCA 6174 - 2019/I10/37	East side on site boundary	07:04	15:34	1.0/100	<0.01
PCA 6174 - 2019/P01/38	Northern end of piling area	07:06	15:36	3.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
31 July 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

31 July 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 30 July 2019 during piling work in Grids 8 and 12 located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/39	South side at site entry gate	07:00	15:40	1.0/100	<0.01
PCA 6174 - 2019/G40/40	South centre area adjacent to piling	07:02	15:42	1.0/100	<0.01
PCA 6174 - 2019/I10/41	East side on site boundary	07:04	15:44	0.0/100	<0.01
PCA 6174 - 2019/P01/42	Northern end of piling area	07:06	15:46	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
31 July 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 31 July 2019

ESP Job Number: J41296

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019, Penshurst Public School, Arcadia Street, Penshurst, NSW)

Sampled By: As received

Date Received: 31 July 2019

Date Analysed: 31 July 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66371	B30/31	2 / 100
66372	G40/32	1 / 100
66373	I10/33	2 / 100
66374	P1/34	2 / 100
66375	B30/35	1 / 100
66376	G40/36	2 / 100
66377	I10/37	1 / 100
66378	P1/38	3 / 100
66379	B30/39	1 / 100
66380	G40/40	1 / 100
66381	I10/41	Nil / 100
66382	P1/42	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Darren Clerehan
Approved Signatory: Darren Clerehan



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

1 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Wednesday 31 July 2019 during piling work in Grids 8 and 12 located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/43	South side at site entry gate	07:00	15:40	1.0/100	<0.01
PCA 6174 - 2019/G40/44	North east area near Grids 4 & 6	07:02	15:42	1.5/100	<0.01
PCA 6174 - 2019/I10/45	East side on site boundary	07:04	15:44	0.0/100	<0.01
PCA 6174 - 2019/P01/46	Northern end of piling area	07:06	15:46	2.5/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
1 August 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 1 August 2019
ESP Job Number: J41305
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019, Penshurst, NSW)
Sampled By: As received
Date Received: 1 August 2019
Date Analysed: 1 August 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66404	B30/43	1 / 100
66405	G40/44	1.5 / 100
66406	I10/45	Nil / 100
66407	P1/46	2.5 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Mathew Cupic
Approved Signatory: Mathew Cupic



Accreditation No. 3110



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

2 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Thursday 1 August 2019 during piling work in Grid 8 located at the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/47	South side at site entry gate	07:10	15:20	0.0/100	<0.01
PCA 6174 - 2019/G40/48	North east area near Grids 4 & 6	07:12	15:22	1.0/100	<0.01
PCA 6174 - 2019/I10/49	East side on site boundary	07:14	15:24	1.0/100	<0.01
PCA 6174 - 2019/P01/50	Northern end of piling area	07:16	15:26	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
2 August 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 2 August 2019
ESP Job Number: J41313
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019, Penshurst Public School, Arcadia Street, Penshurst, NSW)
Sampled By: As received
Date Received: 2 August 2019
Date Analysed: 2 August 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66447	B30/47	Nil / 100
66448	G40/48	1 / 100
66449	I10/49	1 / 100
66450	P1/50	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Darren Clerehan
Approved Signatory: Darren Clerehan



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

5 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Friday 2 August 2019 during sorting of soil in north east area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/51	South side at site entry gate	07:00	15:30	2.0/100	<0.01
PCA 6174 - 2019/G40/52	North east area near Grids 4 & 6	07:02	15:32	0.0/100	<0.01
PCA 6174 - 2019/I10/53	East side on site boundary	07:04	15:34	2.0/100	<0.01
PCA 6174 - 2019/P01/54	Northern end of piling area	07:06	15:36	3.5/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
5 August 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 5 August 2019
ESP Job Number: J41318
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019, Penshurst Public School, Arcadia Street, Penshurst, NSW)
Sampled By: As received
Date Received: 5 August 2019
Date Analysed: 5 August 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66509	B30/51	2 / 100
66510	G40/52	Nil / 100
66511	I10/53	2 / 100
66512	P1/54	3.5 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Mathew Cupic
Approved Signatory: Mathew Cupic



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing

8 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Monday 5 August 2019 during loading out of soil from Grid 1 in the north east area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/55	South side at site entry gate	07:00	15:00	0.0/100	<0.01
PCA 6174 - 2019/G40/56	North east area near Grids 4 & 6	07:02	15:02	2.0/100	<0.01
PCA 6174 - 2019/I10/57	East side on site boundary	07:04	15:04	0.0/100	<0.01
PCA 6174 - 2019/P01/58	Northern end of piling area	07:06	15:06	Dust overload	-

The above results (except sample 58) are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

Sample 58 had a high dust loading from the excavation work and was unable to be analysed using the membrane filter method.



Page 2 of 2
8 August 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

8 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 6 August 2019 during loading out of soil from Grid 10 in the south east area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/59	South side at site entry gate	07:00	15:20	1.0/100	<0.01
PCA 6174 - 2019/G40/60	North east area near Grids 4 & 6	07:02	15:22	0.0/100	<0.01
PCA 6174 - 2019/I10/61	East side on site boundary	07:04	15:24	0.0/100	<0.01
PCA 6174 - 2019/P01/62	Northern end of piling area	07:06	15:26	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
8 August 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 8 August 2019

ESP Job Number: J41334

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 8 August 2019

Date Analysed: 8 August 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66616	B30/55	Nil / 100
66617	G40/56	2 / 100
66618	I10/57	Nil / 100
66619	P1/58	Dust overload
66620	B30/59	1 / 100
66621	G40/60	Nil / 100
66622	I10/61	Nil / 100
66623	P1/62	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vicky Anagnostellis
Approved Signatory: Mathew Cupic



Accreditation No. 3110

9 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Wednesday 7 August 2019 during steel fixing in Grids 8 and 12 in the western area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/63	South side at site entry gate	07:00	15:00	0.0/100	<0.01
PCA 6174 - 2019/G40/64	North east area near Grids 4 & 6	07:02	15:02	0.0/100	<0.01
PCA 6174 - 2019/I10/65	East side on site boundary	07:04	15:04	0.0/100	<0.01
PCA 6174 - 2019/P01/66	Northern end of piling area	07:06	15:06	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
9 August 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 9 August 2019
ESP Job Number: J41349
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019, Penshurst Public School, Arcadia Street, Penshurst, NSW)
Sampled By: As received
Date Received: 9 August 2019
Date Analysed: 9 August 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66660	B30/63	Nil / 100
66661	G40/64	Nil / 100
66662	I10/65	Nil / 100
66663	P1/66	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): John Kassai
Approved Signatory: John Kassai



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing



PO Box 457
Turramurra NSW 2074

ABN: 69 041 751 671

PH: 0437 251 358
Email: philclifton@pclifton.com

12 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Thursday 8 August 2019 during steel fixing in Grids 8 and 12 in the western area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/A30/63	South side at site entry gate	07:00	15:00	0.0/100	<0.01
PCA 6174 - 2019/G52/64	North east area near Grids 4 & 6	07:02	15:02	0.0/100	<0.01
PCA 6174 - 2019/G27/65	East side on site boundary	07:04	15:04	0.0/100	<0.01
PCA 6174 - 2019/P12/66	Northern end of piling area	07:06	15:06	1.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
12 August 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 12 August 2019
ESP Job Number: J41355
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019)
Sampled By: As received
Date Received: 12 August 2019
Date Analysed: 12 August 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66696	63	Nil / 100
66697	64	Nil / 100
66698	65	Nil / 100
66699	66	1 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vicky Anagnostellis
Approved Signatory: Mathew Cupic



Accreditation No. 3110

13 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Friday 9 August 2019 during steel fixing in Grids 8 and 12 in the western area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/71	South side at site entry gate	07:00	14:00	1.5/100	<0.01
PCA 6174 - 2019/G40/72	North east area near Grids 4 & 6	07:02	14:02	0.0/100	<0.01
PCA 6174 - 2019/I10/73	East side on site boundary	07:04	14:04	0.0/100	<0.01
PCA 6174 - 2019/P01/74	Northern end of piling area	07:06	14:06	1.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
13 August 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

13 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Monday 12 August 2019 during steel fixing in Grids 8 and 12 in the western area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/75	South side at site entry gate	07:00	15:00	0.0/100	<0.01
PCA 6174 - 2019/G40/76	North east area near Grids 4 & 6	07:02	15:02	0.0/100	<0.01
PCA 6174 - 2019/I10/77	East side on site boundary	07:04	15:04	0.0/100	<0.01
PCA 6174 - 2019/P01/78	Northern end of piling area	07:06	15:06	1.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.



Page 2 of 2
13 August 2019

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 13 August 2019

ESP Job Number: J41363

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 13 August 2019

Date Analysed: 13 August 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66709	B30/71	1.5 / 100
66710	G40/72	Nil / 100
66711	I10/73	Nil / 100
66712	P1/74	1 / 100
66713	B30/75	Nil / 100
66714	G40/76	Nil / 100
66715	I10/77	Nil / 100
66716	P1/78	1 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vicky Anagnostellis
Approved Signatory: Mathew Cupic



Accreditation No. 3110

15 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 13 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/79	At lunch and amenities sheds	07:00	15:10	0.0/100	<0.01
PCA 6174 - 2019/B66/80	At site entry near site sheds	07:02	15:12	0.0/100	<0.01
PCA 6174 - 2019/G40/81	Adjacent to south east truck entry	07:04	15:14	0.0/100	<0.01
PCA 6174 - 2019/I10/82	Centre of east boundary fence	07:06	15:16	0.0/100	<0.01
PCA 6174 - 2019/P01/83	Adjacent to north east truck exit	07:08	15:18	0.0/100	<0.01
PCA 6174 - 2019/P10/84	Centre west – south area near truck loading area	07:10	15:20	0.0/100	<0.01
PCA 6174 - 2019/P28/85	Centre west – south area near truck loading area	07:12	15:22	0.0/100	<0.01



Page 2 of 2
15 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", with a small dot at the end.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

15 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Wednesday 14 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/86	At lunch and amenities sheds	07:00	15:30	0.0/100	<0.01
PCA 6174 - 2019/B66/87	At site entry near site sheds	07:02	15:32	0.0/100	<0.01
PCA 6174 - 2019/G40/88	Adjacent to south east truck entry	07:04	15:34	0.0/100	<0.01
PCA 6174 - 2019/I10/89	Centre of east boundary fence	07:06	15:36	0.0/100	<0.01
PCA 6174 - 2019/P01/90	Adjacent to north east truck exit	07:08	15:38	0.0/100	<0.01
PCA 6174 - 2019/P10/91	Centre west – south area near truck loading area	07:10	15:40	0.0/100	<0.01
PCA 6174 - 2019/P28/92	Centre west – south area near truck loading area	07:12	15:42	0.0/100	<0.01



Page 2 of 2
13 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", with a small dot at the end.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 15 August 2019

ESP Job Number: J41379

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019, Penshurst Public School, Arcadia Street, Penshurst, NSW)

Sampled By: As received

Date Received: 15 August 2019

Date Analysed: 15 August 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66833	B30/79	Nil / 100
66834	B66/80	Nil / 100
66835	G40/81	Nil / 100
66836	I10/82	Nil / 100
66837	P1/83	Nil / 100
66838	P10/84	Nil / 100
66839	P28/85	Nil / 100
66840	B30/86	Nil / 100
66841	B66/87	Nil / 100
66842	G40/88	Nil / 100
66843	I10/89	Nil / 100
66844	P1/90	Nil / 100
66845	P10/91	Nil / 100
66846	P28/92	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.



Accreditation No. 3110

Approved Fibre Counter(s): Darren Clerehan
Approved Signatory: Darren Clerehan



WORLD RECOGNISED
ACCREDITATION

NATA Accredited Laboratory

Number: 3110

Accredited for compliance with ISO/IEC-17025

Site Number: 3103

16 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Thursday 15 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/93	At lunch and amenities sheds	07:00	15:20	0.0/100	<0.01
PCA 6174 - 2019/P02/94	At site entry near site sheds	07:02	15:22	0.0/100	<0.01
PCA 6174 - 2019/P03/95	Adjacent to south east truck entry	07:04	15:24	1.0/100	<0.01
PCA 6174 - 2019/P04/96	Centre of east boundary fence	07:06	15:26	0.0/100	<0.01
PCA 6174 - 2019/P05/97	Adjacent to north east truck exit	07:08	15:28	0.0/100	<0.01
PCA 6174 - 2019/P06/98	Centre west – south area near truck loading area	07:10	15:30	0.0/100	<0.01
PCA 6174 - 2019/P07/99	Centre west – south area near truck loading area	07:12	15:32	0.0/100	<0.01



Page 2 of 2
16 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in dark ink, appearing to read "P. Clifton", with a small dot at the end.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 16 August 2019

ESP Job Number: J41387

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 16 August 2019

Date Analysed: 16 August 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66879	P01/93	Nil / 100
66880	P02/94	Nil / 100
66881	P03/95	1 / 100
66882	P04/96	Nil / 100
66883	P05/97	Nil / 100
66884	P06/98	Nil / 100
66885	P07/99	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vicky Anagnostellis
Approved Signatory: Darren Clerehan



Accreditation No. 3110

21 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Friday 16 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/100	At lunch and amenities sheds	07:00	16:20	0.0/100	<0.01
PCA 6174 - 2019/B66/101	At site entry near site sheds	07:02	16:22	0.0/100	<0.01
PCA 6174 - 2019/G40/102	Adjacent to south east truck entry	07:04	16:24	0.0/100	<0.01
PCA 6174 - 2019/I10/103	Centre of east boundary fence	07:06	16:26	0.0/100	<0.01
PCA 6174 - 2019/P01/104	Adjacent to north east truck exit	07:08	16:28	0.0/100	<0.01
PCA 6174 - 2019/P10/105	Centre west – south area near truck loading area	07:10	16:30	0.0/100	<0.01
PCA 6174 - 2019/P28/106	Centre west – south area near truck loading area	07:12	16:32	0.0/100	<0.01



Page 2 of 2
21 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

21 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Monday 19 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/M01/107	At lunch and amenities sheds	07:00	15:00	0.0/100	<0.01
PCA 6174 - 2019/C10/108	At site entry near site sheds	07:02	15:02	2.0/100	<0.01
PCA 6174 - 2019/P01/109	Adjacent to south east truck entry	07:04	15:04	1.0/100	<0.01
PCA 6174 - 2019/B66/110	Centre of east boundary fence	07:06	15:06	1.0/100	<0.01
PCA 6174 - 2019/P28/111	Adjacent to north east truck exit	07:08	15:08	0.0/100	<0.01
PCA 6174 - 2019/I17/112	Centre west – south area near truck loading area	07:10	15:10	1.0/100	<0.01
PCA 6174 - 2019/I10/113	Centre west – south area near truck loading area	07:12	15:12	0.0/100	<0.01



Page 2 of 2
21 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", is positioned below the company name.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

21 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 20 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/G99/114	At lunch and amenities sheds	07:00	15:20	0.0/100	<0.01
PCA 6174 - 2019/A10/115	At site entry near site sheds	07:02	15:22	0.0/100	<0.01
PCA 6174 - 2019/G70/116	Adjacent to south east truck entry	07:04	15:24	0.0/100	<0.01
PCA 6174 - 2019/B29/117	Centre of east boundary fence	07:06	15:26	0.5/100	<0.01
PCA 6174 - 2019/A68/118	Adjacent to north east truck exit	07:08	15:28	0.0/100	<0.01
PCA 6174 - 2019/P28/119	Centre west – south area near truck loading area	07:10	15:30	1.0/100	<0.01
PCA 6174 - 2019/I29/120	Centre west – south area near truck loading area	07:12	15:32	2.0/100	<0.01



Page 2 of 2
21 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", with a small dot at the end.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 21 August 2019

ESP Job Number: J41411

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019, Penshurst Public School, Arcadia Street, Penshurst, NSW)

Sampled By: As received

Date Received: 21 August 2019

Date Analysed: 21 August 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
66939	B30/100	Nil / 100
66940	B66/101	Nil / 100
66941	G40/102	Nil / 100
66942	I10/103	Nil / 100
66943	P1/104	Nil / 100
66944	P10/105	Nil / 100
66945	P28/106	Nil / 100
66946	M01/107	Nil / 100
66947	C10/108	2 / 100
66948	P1/109	1 / 100
66949	B66/110	1 / 100
66950	P28/111	Nil / 100
66951	I17/112	1 / 100
66952	I10/113	Nil / 100
66953	G99/114	Nil / 100
66954	A10/115	Nil / 100
66955	G70/116	Nil / 100
66956	B29/117	0.5 / 100
66957	A68/118	Nil / 100



Accreditation No. 3110

ESP Lab No.	Customer Reference	Result (fibres/field)
66958	P28/119	1 / 100
66959	I29/120	2 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vicky Anagnostellis

Approved Signatory: Darren Clerehan



WORLD RECOGNISED
ACCREDITATION

NATA Accredited Laboratory

Number: 3110

Accredited for compliance with ISO/IEC-17025

Site Number: 3103

R_190821_J41411_P. Clifton Associates Pty Ltd_6174 - 2019_Airmon_F1

Page 2 of 2

22 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Wednesday 21 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/A31/121	At lunch and amenities sheds	07:00	15:20	0.0/100	<0.01
PCA 6174 - 2019/A32/122	At site entry near site sheds	07:02	15:22	2.0/100	<0.01
PCA 6174 - 2019/A33/123	Adjacent to south east truck entry	07:04	15:24	3.0/100	<0.01
PCA 6174 - 2019/F52/124	Centre of east boundary fence	07:06	15:26	2.0/100	<0.01
PCA 6174 - 2019/G21/125	Adjacent to north east truck exit	07:08	15:28	0.0/100	<0.01
PCA 6174 - 2019/S20/126	Centre west – south area near truck loading area	07:10	15:30	1.0/100	<0.01
PCA 6174 - 2019/S13/127	Centre west – south area near truck loading area	07:12	15:32	2.0/100	<0.01



Page 2 of 2
22 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 22 August 2019

ESP Job Number: J41425

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 22 August 2019

Date Analysed: 22 August 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
67022	A31/121	Nil / 100
67023	A32/122	2 / 100
67024	A33/123	3 / 100
67025	F52/124	2 / 100
67026	G21/125	Nil / 100
67027	S20/126	1 / 100
67028	S13/127	2 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Darren Clerehan



Accreditation No. 3110

23 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Thursday 22 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/128	At lunch and amenities sheds	07:00	15:20	0.0/100	<0.01
PCA 6174 - 2019/B66/129	At site entry near site sheds	07:02	15:22	0.0/100	<0.01
PCA 6174 - 2019/G40/130	Adjacent to south east truck entry	07:04	15:24	0.0/100	<0.01
PCA 6174 - 2019/I10/131	Centre of east boundary fence	07:06	15:26	0.0/100	<0.01
PCA 6174 - 2019/P01/132	Adjacent to north east truck exit	07:08	15:28	0.0/100	<0.01
PCA 6174 - 2019/P10/133	Centre west – south area near truck loading area	07:10	15:30	0.0/100	<0.01
PCA 6174 - 2019/P28/134	Centre west – south area near truck loading area	07:12	15:32	0.0/100	<0.01



Page 2 of 2
23 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 23 August 2019
ESP Job Number: J41433
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019, Penshurst, NSW)
Sampled By: As received
Date Received: 23 August 2019
Date Analysed: 23 August 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
67039	B30/128	Nil / 100
67040	B66/129	Nil / 100
67041	G40/130	Nil / 100
67042	I10/131	Nil / 100
67043	P1/132	Nil / 100
67044	P10/133	Nil / 100
67045	P28/134	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): John Kassai
Approved Signatory: John Kassai



Accreditation No. 3110

26 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Friday 23 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/135	At lunch and amenities sheds	07:00	15:00	0.0/100	<0.01
PCA 6174 - 2019/B66/136	At site entry near site sheds	07:02	15:02	1.0/100	<0.01
PCA 6174 - 2019/G40/137	Adjacent to south east truck entry	07:04	15:04	0.0/100	<0.01
PCA 6174 - 2019/I10/138	Centre of east boundary fence	07:06	15:06	1.0/100	<0.01
PCA 6174 - 2019/P01/139	Adjacent to north east truck exit	07:08	15:08	1.0/100	<0.01
PCA 6174 - 2019/P10/140	Centre west – south area near truck loading area	07:10	15:10	0.0/100	<0.01
PCA 6174 - 2019/P28/141	Centre west – south area near truck loading area	07:12	15:12	0.0/100	<0.01



Page 2 of 2
26 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", with a small dot at the end.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 26 August 2019

ESP Job Number: J41438

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 26 August 2019

Date Analysed: 26 August 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
67083	B30/135	Nil / 100
67084	B66/136	1 / 100
67085	G40/137	Nil / 100
67086	I10/138	1 / 100
67087	P1/139	1 / 100
67088	P10/140	Nil / 100
67089	P28/141	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Ray Boast



Accreditation No. 3110

28 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Monday 26 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/142	At lunch and amenities sheds	07:00	15:00	0.0/100	<0.01
PCA 6174 - 2019/B66/143	At site entry near site sheds	07:02	15:02	0.0/100	<0.01
PCA 6174 - 2019/G40/144	Adjacent to south east truck entry	07:04	15:04	0.0/100	<0.01
PCA 6174 - 2019/I10/145	Centre of east boundary fence	07:06	15:06	0.0/100	<0.01
PCA 6174 - 2019/P01/146	Adjacent to north east truck exit	07:08	15:08	1.0/100	<0.01
PCA 6174 - 2019/P10/147	Centre west – south area near truck loading area	07:10	15:10	0.0/100	<0.01
PCA 6174 - 2019/P28/148	Centre west – south area near truck loading area	07:12	15:12	2.0/100	<0.01



Page 2 of 2
28 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", with a small dot at the end.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 28 August 2019

ESP Job Number: J41454

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 28 August 2019

Date Analysed: 28 August 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
67154	B30/142	Nil / 100
67155	B66/143	Nil / 100
67156	G40/144	Nil / 100
67157	I10/145	Nil / 100
67158	P1/146	1 / 100
67159	P10/147	Nil / 100
67160	P28/148	2 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Ray Boast



Accreditation No. 3110

29 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 27 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/149	At lunch and amenities sheds	07:00	15:00	0.0/100	<0.01
PCA 6174 - 2019/B66/150	At site entry near site sheds	07:02	15:02	0.0/100	<0.01
PCA 6174 - 2019/G40/151	Adjacent to south east truck entry	07:04	15:04	0.0/100	<0.01
PCA 6174 - 2019/I10/152	Centre of east boundary fence	07:06	15:06	0.0/100	<0.01
PCA 6174 - 2019/P01/153	Adjacent to north east truck exit	07:08	15:08	0.0/100	<0.01
PCA 6174 - 2019/P10/154	Centre west – south area near truck loading area	07:10	15:10	0.0/100	<0.01
PCA 6174 - 2019/P28/155	Centre west – south area near truck loading area	07:12	15:12	0.0/100	<0.01



Page 2 of 2
29 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 29 August 2019
ESP Job Number: J41460
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019, Penshurst, NSW)
Sampled By: As received
Date Received: 29 August 2019
Date Analysed: 29 August 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
67172	B30/149	Nil / 100
67173	B66/150	Nil / 100
67174	G10/151	Nil / 100
67175	I10/152	Nil / 100
67176	P1/153	Nil / 100
67177	P10/154	Nil / 100
67178	P28/155	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Darren Clerehan
Approved Signatory: Darren Clerehan



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing

30 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Wednesday 28 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/156	At lunch and amenities sheds	07:00	15:10	0.0/100	<0.01
PCA 6174 - 2019/B66/157	At site entry near site sheds	07:02	15:12	0.0/100	<0.01
PCA 6174 - 2019/G40/158	Adjacent to south east truck entry	07:04	15:14	0.0/100	<0.01
PCA 6174 - 2019/I10/159	Centre of east boundary fence	07:06	15:16	0.0/100	<0.01
PCA 6174 - 2019/P01/160	Adjacent to north east truck exit	07:08	15:18	1.0/100	<0.01
PCA 6174 - 2019/P10/161	Centre west – south area near truck loading area	07:10	15:20	1.0/100	<0.01
PCA 6174 - 2019/P28/162	Centre west – south area near truck loading area	07:12	15:22	1.0/100	<0.01



Page 2 of 2
30 August 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in dark ink, appearing to read "P. Clifton", is positioned below the company name.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

30 August 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Thursday 29 August 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/163	At lunch and amenities sheds	07:00	13:40	0.0/100	<0.01
PCA 6174 - 2019/B66/164	At site entry near site sheds	07:02	13:42	0.0/100	<0.01
PCA 6174 - 2019/G40/165	Adjacent to south east truck entry	07:04	13:44	0.0/100	<0.01
PCA 6174 - 2019/I10/166	Centre of east boundary fence	07:06	13:46	0.0/100	<0.01
PCA 6174 - 2019/P01/167	Adjacent to north east truck exit	07:08	13:48	Damaged filter	-
PCA 6174 - 2019/P10/168	Centre west – south area near truck loading area	07:10	13:50	Damaged filter	-
PCA 6174 - 2019/P28/169	Centre west – south area near truck loading area	07:12	13:52	1.0/100	<0.01



Page 2 of 2
30 August 2019

The above results (except samples 167 & 168) are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

Samples 167 & 168 were damaged by rain and unable to be analysed using the membrane filter method.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 30 August 2019

ESP Job Number: J41467

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 30 August 2019

Date Analysed: 30 August 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
67220	B30/156	Nil / 100
67221	B66 /157	Nil / 100
67222	G40 /158	Nil / 100
67223	I10 /159	Nil / 100
67224	P1 /160	1 / 100
67225	P10 /161	1 / 100
67226	P28 /162	1 / 100
67233	B30/163	Nil / 100
67234	B66/164	Nil / 100
67235	G40/165	Nil / 100
67236	I10/166	Nil / 100
67237	P1/167	Damaged filter
67238	P10/168	Damaged filter
67239	P28/169	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.



Accreditation No. 3110

Approved Fibre Counter(s): Vicky Anagnostellis
Approved Signatory: Ray Boast



WORLD RECOGNISED
ACCREDITATION

NATA Accredited Laboratory

Number: 3110

Accredited for compliance with ISO/IEC-17025

Site Number: 3103

3 September 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Monday 2 September 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/170	At lunch and amenities sheds	07:00	14:20	1.0/100	<0.01
PCA 6174 - 2019/B66/171	At site entry near site sheds	07:02	14:22	2.0/100	<0.01
PCA 6174 - 2019/G40/172	Adjacent to south east truck entry	07:04	14:24	0.0/100	<0.01
PCA 6174 - 2019/I10/173	Centre of east boundary fence	07:06	14:26	0.0/100	<0.01
PCA 6174 - 2019/P11/174	Adjacent to north east truck exit	07:08	14:28	2.0/100	<0.01
PCA 6174 - 2019/P10/175	Centre west – south area near truck loading area	07:10	14:30	2.0/100	<0.01
PCA 6174 - 2019/P28/176	Centre west – south area near truck loading area	07:12	14:32	0.0/100	<0.01



Page 2 of 2

3 September 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton", with a small dot at the end.

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 3 September 2019
ESP Job Number: J41476
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019)
Sampled By: As received
Date Received: 3 September 2019
Date Analysed: 3 September 2019
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
67288	B30/ 170	1 / 100
67289	B66/ 171	2 / 100
67290	G40/ 172	Nil / 100
67291	I10/173	Nil / 100
67292	P11/174	2 / 100
67293	P10/175	2 / 100
67294	P28/176	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Ray Boast



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing

6 September 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 3 September 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/177	At lunch and amenities sheds	07:00	15:30	2.0/100	<0.01
PCA 6174 - 2019/B66/178	At site entry near site sheds	07:02	15:32	0.0/100	<0.01
PCA 6174 - 2019/G40/179	Adjacent to south east truck entry	07:04	15:34	3.0/100	<0.01
PCA 6174 - 2019/I10/180	Centre of east boundary fence	07:06	15:36	2.0/100	<0.01
PCA 6174 - 2019/P01/181	Adjacent to north east truck exit	07:08	15:38	4.0/100	<0.01
PCA 6174 - 2019/P10/182	Centre west – south area near truck loading area	07:10	15:40	0.0/100	<0.01
PCA 6174 - 2019/P28/183	Centre west – south area near truck loading area	07:12	15:42	1.0/100	<0.01



Page 2 of 2
6 September 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

6 September 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Wednesday 3 September 2019 during soil excavation and loading out within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/184	At lunch and amenities sheds	07:00	13:20	1.0/100	<0.01
PCA 6174 - 2019/B66/185	At site entry near site sheds	07:02	13:22	0.0/100	<0.01
PCA 6174 - 2019/G40/186	Adjacent to south east truck entry	07:04	13:24	0.0/100	<0.01
PCA 6174 - 2019/I10/187	Centre of east boundary fence	07:06	13:26	3.0/100	<0.01
PCA 6174 - 2019/P01/188	Adjacent to north east truck exit	07:08	13:28	0.0/100	<0.01
PCA 6174 - 2019/P10/189	Centre west – south area near truck loading area	07:10	13:30	0.0/100	<0.01
PCA 6174 - 2019/P28/190	Centre west – south area near truck loading area	07:12	13:32	0.0/100	<0.01



Page 2 of 2

6 September 2019

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 5 September 2019

ESP Job Number: J41496

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turrumurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 5 September 2019

Date Analysed: 5 September 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
67332	B30/177	2 / 100
67333	B66/178	Nil / 100
67334	G40/179	3 / 100
67335	I10/180	2 / 100
67336	P1/181	4 / 100
67337	P10/182	Nil / 100
67338	P28/183	1 / 100
67339	B30/184	1 / 100
67340	B66/185	Nil / 100
67341	G40/186	Nil / 100
67342	I10/187	3 / 100
67343	P1/188	Nil / 100
67344	P10/189	Nil / 100
67345	P28/190	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.



Accreditation No. 3110

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Ray Boast



WORLD RECOGNISED
ACCREDITATION

NATA Accredited Laboratory

Number: 3110

Accredited for compliance with ISO/IEC-17025

Site Number: 3103

23 October 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 22 October 2019 during soil excavation and loading out from between Grid 3 and 10 within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/A90/191	At site entry near site sheds	06:50	15:10	0.0/100	<0.01
PCA 6174 - 2019/I10/192	South side of stockpile area	06:52	15:12	0.0/100	<0.01
PCA 6174 - 2019/P28/193	East boundary fence between truck entry gates	06:54	15:14	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2
23 October 2019

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 23 October 2019

ESP Job Number: J41778

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turrumurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019, Penshurst, NSW)

Sampled By: As received

Date Received: 23 October 2019

Date Analysed: 23 October 2019

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
68164	A90/191	Nil / 100
68165	I10 /192	Nil / 100
68166	P28 /193	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vicky Anagnostellis

Approved Signatory: Vicky Anagnostellis



Accreditation No. 3110

NATA Accredited Laboratory

Accredited for compliance with ISO/IEC-17025 - Testing

R_191023_J41778_P. Clifton Associates Pty Ltd_6174 - 2019_Airmon_F1

Page 1 of 1

18 November 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Monday 16 March 2020 during soil excavation and loading out from the south eastern Grid 15 area within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/B30/197	South side, east boundary next to Grid 15	07:00	13:45	0.0/100	<0.01
PCA 6174 - 2019/N34/198	North side, east boundary next to Grid 15	07:02	13:47	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2
18 March 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton
Principal
BOHS IP402 Certified
SafeWork NSW Licenced Asbestos Assessor: LAA000119

18 November 2019

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
BLOCK A, PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 17 March 2020 during soil excavation and loading out from the south eastern Grid 15 area within the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/A50/199	South side, east boundary next to Grid 15	07:00	13:20	0.0/100	<0.01
PCA 6174 - 2019/G40/200	North side, east boundary next to Grid 15	07:02	13:22	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

18 March 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 18 March 2020

ESP Job Number: J42609

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019, Penshurst Public School)

Sampled By: As received

Date Received: 18 March 2020

Date Analysed: 18 March 2020

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
70330	B30/197	Nil / 100
70331	N34/198	Nil / 100
70332	A50/199	Nil / 100
70333	G40/200	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Vena Beera



Accreditation No. 3110

4 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 3 November 2020 during relocation of the stockpiled fill soil from the east boundary area to the south boundary area in the south eastern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/201	North side of east stockpile	07:45	15:00	0.0/100	<0.01
PCA 6174 - 2019/P02/202	South side of east stockpile	07:46	15:01	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

4 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 4 November 2020

ESP Job Number: J43730

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 4 November 2020

Date Analysed: 4 November 2020

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73058	P01/201	Nil / 100
73059	P02/202	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera

Approved Signatory: Vena Beera



Accreditation No. 3110

NATA Accredited Laboratory

Accredited for compliance with ISO/IEC-17025 - Testing

R_201104_J43730_P. Clifton Associates Pty Ltd_6174 - 2019_Airmon_F1

Page 1 of 1

6 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Thursday 5 November 2020 during excavation and stockpiling of fill soil in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/203	South side of stockpile near Forest Rd entry gate	08:00	14:40	0.0/100	<0.01
PCA 6174 - 2019/P02/204	North side of stockpile on temp fence adjacent to new building	08:01	14:41	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

6 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 6 November 2020
ESP Job Number: J43746
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019)
Sampled By: As received
Date Received: 6 November 2020
Date Analysed: 6 November 2020
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73080	P01/203	Nil / 100
73081	P01/204	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Vena Beera



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing

9 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Friday 6 November 2020 during excavation and stockpiling of fill soil in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/205	South side of stockpile near Forest Rd entry gate	07:40	14:40	0.0/100	<0.01
PCA 6174 - 2019/P02/206	North side of stockpile on temp fence adjacent to new building	07:41	14:41	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

9 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 9 November 2020

ESP Job Number: J43753

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 9 November 2020

Date Analysed: 9 November 2020

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73105	P01/205	Nil / 100
73106	P02/206	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera

Approved Signatory: Vena Beera



Accreditation No. 3110

NATA Accredited Laboratory

Accredited for compliance with ISO/IEC-17025 - Testing

R_201109_J43753_P. Clifton Associates Pty Ltd_6174 - 2019_Airmon_F1

Page 1 of 1

10 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Monday 9 November 2020 during excavation and loading out of stockpiled fill soil in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/209	South side of stockpile near Forest Rd entry gate	07:35	14:40	0.0/100	<0.01
PCA 6174 - 2019/P02/210	North side of stockpile on temp fence adjacent to new building	07:36	14:41	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

9 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 10 November 2020
ESP Job Number: J43765
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019)
Sampled By: As received
Date Received: 10 November 2020
Date Analysed: 10 November 2020
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73120	P01/207	Nil / 100
73121	P01/208	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Vena Beera



12 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 10 November 2020 during excavation and loading out of stockpiled fill soil in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/209	South side of stockpile near Forest Rd entry gate	08:15	15:35	0.0/100	<0.01
PCA 6174 - 2019/P02/210	North side of stockpile on temp fence adjacent to new building	08:16	15:36	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

12 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

12 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Wednesday 11 November 2020 during excavation and loading out of stockpiled fill soil in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/211	South side of stockpile near Forest Rd entry gate	07:30	13:35	1.0/100	<0.01
PCA 6174 - 2019/P02/212	North side of stockpile on temp fence adjacent to new building	07:31	13:36	3.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

12 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 12 November 2020
ESP Job Number: J43782
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2020)
Sampled By: As received
Date Received: 12 November 2020
Date Analysed: 12 November 2020
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73156	P01/209	Nil / 100
73157	P02/210	Nil / 100
73158	P01/211	1 / 100
73159	P02/212	3 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Paul Burns
Approved Signatory: Vena Beera



Accreditation No. 3110

13 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Thursday 12 November 2020 during excavation and loading out of stockpiled fill soil in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/213	South side of stockpile near Forest Rd entry gate	07:30	14:45	0.0/100	<0.01
PCA 6174 - 2019/P02/214	North side of stockpile on temp fence adjacent to new building	07:31	14:46	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

13 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 13 November 2020
ESP Job Number: J43789
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019, Penshurst)
Sampled By: As received
Date Received: 13 November 2020
Date Analysed: 13 November 2020
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73207	PO1/213	Nil / 100
73208	PO2/214	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): John Kassai
Approved Signatory: John Kassai



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing

16 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Friday 13 November 2020 during excavation and loading out of stockpiled fill soil in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/215	South side of stockpile near Forest Rd entry gate	07:45	14:10	10/100	0.01
PCA 6174 - 2019/P02/216	North side of stockpile on temp fence adjacent to new building	07:46	14:11	5.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection. Yellow shading indicates result at limit of detection.

The NATA endorsed laboratory report is attached.



Page 2 of 2

16 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 16 November 2020
ESP Job Number: J43799
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019)
Sampled By: As received
Date Received: 16 November 2020
Date Analysed: 16 November 2020
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73218	P01/215	10 / 100
73219	P02/216	5 / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Paul Burns
Approved Signatory: John Kassai



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing

19 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Saturday 14 November 2020 during excavation detail work in the driveway in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/217	South side of stockpile near Forest Rd entry gate	07:30	12:00	0.0/100	<0.01
PCA 6174 - 2019/P02/218	North side of stockpile on temp fence adjacent to new building	07:31	12:01	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

19 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

19 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Monday 16 November 2020 during detail excavation work in the driveway in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/219	South side of stockpile near Forest Rd entry gate	07:30	15:05	0.0/100	<0.01
PCA 6174 - 2019/P02/220	North side of stockpile on temp fence adjacent to new building	07:31	15:06	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

19 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

19 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Tuesday 17 November 2020 during detail excavation work in the driveway in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/221	South side of stockpile near Forest Rd entry gate	07:35	14:40	0.0/100	<0.01
PCA 6174 - 2019/P02/222	North side of stockpile on temp fence adjacent to new building	07:36	14:41	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

19 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

19 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Wednesday 18 November 2020 during detail excavation work in the driveway in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/223	South side of stockpile near Forest Rd entry gate	07:30	14:15	0.0/100	<0.01
PCA 6174 - 2019/P02/224	North side of stockpile on temp fence adjacent to new building	07:31	14:16	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

19 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 19 November 2020

ESP Job Number: J43817

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 19 November 2020

Date Analysed: 19 November 2020

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73243	P01/217	Nil / 100
73244	P02/218	Nil / 100
73245	P01/219	Nil / 100
73246	P02/220	Nil / 100
73247	P01/221	Nil / 100
73248	P02/222	Nil / 100
73249	P01/223	Nil / 100
73250	P02/224	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Vena Beera



Accreditation No. 3110

24 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Thursday 19 November 2020 during detail excavation work in the driveway in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/225	South side of stockpile near Forest Rd entry gate	07:35	14:25	0.0/100	<0.01
PCA 6174 - 2019/P02/226	North side of stockpile on temp fence adjacent to new building	07:36	14:26	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

24 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 24 November 2020

ESP Job Number: J43837

Customer: P. Clifton & Associates Pty Ltd

Address: PO Box 457, Turramurra, NSW

Attention: Phil Clifton

Sampled From: As received (Your ref: 6174 - 2019)

Sampled By: As received

Date Received: 24 November 2020

Date Analysed: 24 November 2020

Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73326	P01/225	Nil / 100
73327	P02/226	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera

Approved Signatory: Vena Beera



Accreditation No. 3110

NATA Accredited Laboratory

Accredited for compliance with ISO/IEC-17025 - Testing

R_201124_J43837_P. Clifton Associates Pty Ltd_6174 - 2019_Airmon_F1

Page 1 of 1

24 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Friday 20 November 2020 during detail excavation work in the driveway in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/227	South side of stockpile near Forest Rd entry gate	07:10	14:45	0.0/100	<0.01
PCA 6174 - 2019/P02/228	North side of stockpile on temp fence adjacent to new building	07:11	14:46	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

24 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 23 November 2020
ESP Job Number: J43831
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019)
Sampled By: As received
Date Received: 23 November 2020
Date Analysed: 23 November 2020
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73311	P01/227	Nil / 100
73312	P02/228	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Vena Beera



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing

25 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Saturday 21 November 2020 during detail excavation work in the driveway in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/229	South side of stockpile near Forest Rd entry gate	07:00	12:30	0.0/100	<0.01
PCA 6174 - 2019/P02/230	North side of stockpile on temp fence adjacent to new building	07:01	12:31	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

25 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

A handwritten signature in black ink, appearing to read "P. Clifton".

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

25 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Monday 23 November 2020 during detail excavation work in the driveway in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/231	South side of stockpile near Forest Rd entry gate	07:00	14:30	0.0/100	<0.01
PCA 6174 - 2019/P02/232	North side of stockpile on temp fence adjacent to new building	07:01	14:31	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

25 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 25 November 2020
ESP Job Number: J43848
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2019)
Sampled By: As received
Date Received: 25 November 2020
Date Analysed: 25 November 2020
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73350	P01/229	Nil / 100
73351	P02/230	Nil / 100
73352	P01/231	Nil / 100
73353	P02/232	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Vena Beera



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing

27 November 2020

Mr Gary Tang
Chalouhi
2/22 Centenary Avenue
Moorebank NSW 2170

**RE: RESULTS OF AIRBORNE ASBESTOS FIBRE MONITORING
PENSHURST PUBLIC SCHOOL, FOREST ROAD, PENSHURST NSW**

Dear Sir,

We refer to your request to undertake monitoring for airborne asbestos fibres on Wednesday 25 November 2020 during detail excavation work in the driveway in the southern area of the Penshurst Public School site in Forest Road, Penshurst NSW, corner Arcadia Street.

This monitoring was carried out in accordance the requirements of the Safe Work Australia How to Safely Remove Asbestos Code of Practice, Section 3.11 and the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres' 2nd edition [NOHSC 3003:2005].

The results of the monitoring are as follows:

Sample No.	Location	Time On	Time Off	Fibre Count fibres/fields	Airborne Fibre Concentration (fibres/ml)
PCA 6174 - 2019/P01/235	South side of stockpile near Forest Rd entry gate	07:00	15:30	0.0/100	<0.01
PCA 6174 - 2019/P02/236	North side of stockpile on temp fence adjacent to new building	07:01	15:31	0.0/100	<0.01

The above results are below the lowest detectable level for the estimation of airborne asbestos fibres using the membrane filter method and below the NOHSC recommended exposure level for airborne asbestos fibres (8 hour TWA) of 0.1 fibres/ml. Green shading indicates results below limit of detection.

This result indicates that there was no measurable human health risk from airborne asbestos fibres in these areas during the monitoring period.

The NATA endorsed laboratory report is attached.



Page 2 of 2

27 November 2020

If you require any further information, please contact me on 0437 251 358.

Yours faithfully

P. CLIFTON & ASSOCIATES PTY LTD

Philip Clifton

Principal

BOHS IP402 Certified

SafeWork NSW Licenced Asbestos Assessor: LAA000119

Attachment: Laboratory Report



LABORATORY REPORT

CERTIFICATE OF AIR MONITORING

Date: 27 November 2020
ESP Job Number: J43858
Customer: P. Clifton & Associates Pty Ltd
Address: PO Box 457, Turramurra, NSW
Attention: Phil Clifton
Sampled From: As received (Your ref: 6174 - 2020)
Sampled By: As received
Date Received: 27 November 2020
Date Analysed: 27 November 2020
Test Method: Filters examined in accordance with Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] using ESP in-house Method No. 1.

ESP Lab No.	Customer Reference	Result (fibres/field)
73436	P01/235	Nil / 100
73437	P01/236	Nil / 100

The results contained in this report relate only to the sample(s) submitted for testing. ESP Environmental & Safety Professionals accepts no responsibility for the representivity of the sample(s) submitted.

Approved Fibre Counter(s): Vena Beera
Approved Signatory: Vena Beera



Accreditation No. 3110

NATA Accredited Laboratory
Accredited for compliance with ISO/IEC-17025 - Testing

J1.4 – Asbestos Removal Licence and SafeWork Notification

FRIABLE ASBESTOS REMOVAL LICENCE

Issued under the *Work Health and Safety Regulation 2011 (NSW)*. This licence is not transferable.

Licence: AD212137

Licence class: Class A

Licence period: From: 27/03/2015 To: 26/03/2020

Licence holder name: Remedial Civil Solutions Pty Ltd

ABN: 45 162 770 283

ACN: 162 770 283

Address: U 1 54-56 Harley Cres CONDELL PARK NSW 2200

Description of the work that can be undertaken under this licence

- All friable asbestos removal work.
- All non friable asbestos removal work.

Licence Holder Obligations

A nominated supervisor must be present at the site whenever licensed friable asbestos removal work is being carried out and is readily available to attend the site when licensed non friable asbestos removal work is being carried out.

This licence document must be available for inspection.

All licensed asbestos removal work is to be notified to WorkCover NSW at least 5 days prior to the work commencing.

The licence holder must notify WorkCover NSW in writing of any changes in licence or supervisor details within 14 days.

Notice of intent to remove non-friable asbestos

Notification number: 940R-00248584-01 Date of notice: 2/07/2019 Notification status: Accepted

LICENCE DETAILS

Asbestos removal licence number: 212137 Expiry date: 26/03/2020
Licence holder name: Remedial Civil Solutions Pty Ltd
Class(es): Class A / ASA/ Class B / ASB
Registered business name: Remedial Civil Solutions Pty Ltd
A.B.N: 45162770283
Daytime contact number: 0297903799

WORK/ SITE DETAILS

Proposed work start date: 8/07/2019 Proposed work finish date: 31/10/2019
Site name: Penshurst Public School
Site address: 510 Forest Rd Penshurst NSW 2222
Site owner: Grindley Construction Pty Ltd Telephone:
Approximate quantity of asbestos: 1,000
(square metres)
Detail location of asbestos on site: Asbestos Fragments In Soil

Details of removal including Exclusion zone with erected temporary fencing around the work zone with plastic sheeting on
method used to enclose the fencingand warning signs on display. Water to suppress dust
removal area:

CLEARANCE CERTIFICATE PROVIDER

Competent person: Brendan Page Telephone: 9888 5000
Licensed asbestos assessor: Number: Telephone:

SUPERVISOR/ WORKER DETAILS

Number of workers for this removal work: 3
Number of workers who have successfully completed relevant competency unit: 6

Supervisor	DOB	Competency	Telephone
MR Ziad Zaidan	29/04/1981	ASB	0450660405
MR EDDY SLEIMAN	07/07/1980	DE1 ASB	0488888260
MR Rithy Cheng	08/08/1972	ASA ASB	0423354880

All work is to be carried out in accordance with the *Work Health and Safety Regulation 2017* and the associated codes of practice.
This notification to remove asbestos is required by clause 466 of the *Work Health and Safety Regulation 2017*.
See Section 268 of the *Work Health and Safety Act 2011* for offences relating to the giving of false or misleading information under the Act or the Regulation.

Appendix J1.5

J1.5 – JKE Asbestos Clearances

27 August 2019
Ref: E30104Plet-Clr1

Grindley Construction Pty Ltd
(ABN: 42 003 586 687)
55 Grandview Street
Pymble NSW 2073

Appendix J1.5

Attention: Mr Rodney Peachey, via email RPeachey@grindley.com.au

ASBESTOS CLEARANCE CERTIFICATE NO.1

PROPOSED NEW SCHOOL

PENSHURST PUBLIC SCHOOL, 510 FOREST ROAD, PENSHURST, NSW

1 INTRODUCTION

Grindley Construction Pty Ltd ('the client') commissioned JK Environments (JKE) to undertake an asbestos clearance inspection for the proposed development at the above referenced site. The site location is shown on the attached Figure 1 and the clearance applies to the nominated area (referred to herein as 'the area inspected') shown on Figure 2.

Environmental Investigation Services (EIS) has recently been re-branded to JK Environments and will continue to function as the environmental division of JK Group alongside JK Geotechnics and JK Drilling.

Asbestos Clearance No 1

1.1 Background

JKE has previously investigated the site. The fill/soil was found to be impacted by bonded asbestos containing material (ACM). The site is being remediated under a Remediation Action Plan (RAP) (Ref: E30104Prpt3, dated 2 July 2019) and the remediation largely includes the excavation and off-site disposal of fill containing ACM. Asbestos clearance inspections are required once the fill is removed to confirm that there is no visible ACM at the ground surface.

1.2 Scope

The scope included a visual surface clearance for the presence of ACM. The area inspected incorporated the ground surface together with the vertical cut/wall along the southern boundary of the area inspected.

Soil/material sampling was not undertaken as part of the clearance. Air monitoring is being undertaken by the removal contractor, however the air monitoring results do not form part of this clearance document.



2 ASSESSMENT CRITERIA AND METHODOLOGY

The clearance inspection for ACM was undertaken generally in accordance with Section 3 of the Safe Work Australia National Code of Practice How to Safely Remove Asbestos (2018). The inspection included a systematic walkover and visual inspection of the area inspected by a suitably qualified consultant.

3 INSPECTION FINDINGS / RESULTS

The inspection was undertaken by Brendan Page of JKE on 27 August 2019. At the time of the inspection the area inspected had been excavated down to expose natural clayey soils across the base. The southern wall included approximately 0.5m (or less) of clayey and sandy fill in the upper profile, underlain by natural clayey soil. A selection of photographs are included in Appendix B.

It is the opinion of the Inspector that, as far as reasonably practicable, no visible, accessible ACM was observed in the area inspected during the inspection.

The visual inspection indicates that with respect to ACM the area inspected is considered safe for normal work to proceed.

4 LIMITATIONS

The report limitations are outlined below:

- JKE accepts no responsibility for any unidentified asbestos at the site. Any unexpected problems/subsurface features that may be encountered during development works should be inspected by an environmental consultant as soon as possible;
- This report has been prepared based on site conditions which existed at the time of the inspection; scope of work and limitation outlined in the JKE proposal; and terms of contract between JKE and the client (as applicable);
- The conclusions presented in this report are based on investigation of conditions at specific locations, chosen to be as representative as possible under the given circumstances, visual observations of the site and immediate surrounds and documents reviewed as described in the report;
- Subsurface soil and rock conditions encountered between investigation locations may be found to be different from those expected. Groundwater conditions may also vary, especially after climatic changes;
- The investigation and preparation of this report have been undertaken in accordance with accepted practice for environmental consultants, with reference to applicable environmental regulatory authority and industry standards, guidelines and the assessment criteria outlined in the report;
- JKE have not and will not make any determination regarding finances associated with the site;
- This report has been prepared for the particular project described and no responsibility is accepted for the use of any part of this report in any other context or for any other purpose;
- Copyright in this report is the property of JKE. JKE has used a degree of care, skill and diligence normally exercised by consulting professionals in similar circumstances and locality. No other warranty



expressed or implied is made or intended. Subject to payment of all fees due for the work, the client alone shall have a licence to use this report;

- If the client, or any person, provides a copy of this report to any third party, such third party must not rely on this report except with the express written consent of JKE; and
- Any third party who seeks to rely on this report without the express written consent of JKE does so entirely at their own risk and to the fullest extent permitted by law, JKE accepts no liability whatsoever, in respect of any loss or damage suffered by any such third party.

If you have any questions concerning the contents of this letter please do not hesitate to contact us.

Kind Regards

Brendan Page

Principal Associate | Environmental Scientist

Harry Leonard

Senior Environmental Scientist

Appendices:

Asbestos Clearance No.1

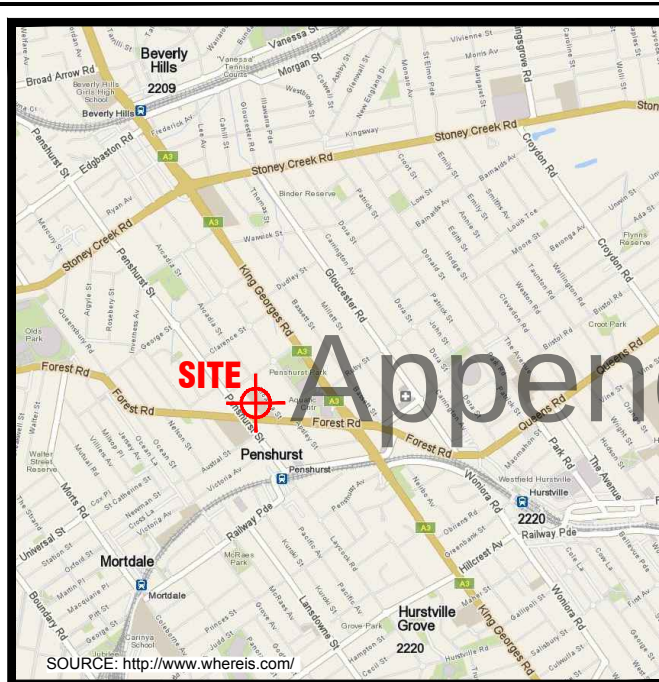
Appendix A: Report Figures

Appendix B: Photographs



Appendix J1.5

Asbestos Clearance No.1 **Appendix A: Report Figures**



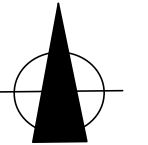
AERIAL IMAGE SOURCE: MAPS.AU.NEARMAP.COM, 25 APR 2019.

Title: SITE LOCATION PLAN	
Location: PENSURST PUBLIC SCHOOL 510 FOREST ROAD, PENSURST, NSW	
Report No: E30104Plet-Clr1	Figure No: 1



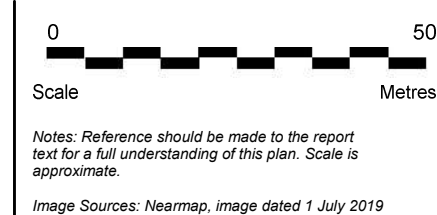
This plan should be read in conjunction with the Environmental report.

JK Environments



LEGEND:

- APPROXIMATE SITE BOUNDARY
- AREA INSPECTED (APPROXIMATE BOUNDARY)



Title: ASBESTOS CLEARANCE PLAN	
Location: PENSHURST PUBLIC SCHOOL, 510 FOREST ROAD, PENSHURST, NSW	
Report No: E30104Plet-Clr1	Figure No: 2
JK ENVIRONMENTS	





Appendix J1.5

Asbestos Clearance No.1 **Appendix B: Photographs**

DIRECTION N (T) 33.96268°S ACCURACY 5 m 151.08804°E DATUM WGS84  East boundary Arcadia St 2019-08-27 08:01:57+10:00	Area inspected – eastern (Arcadia Street) boundary
DIRECTION SW (T) 33.96274°S ACCURACY 5 m 151.08803°E DATUM WGS84  South boundary And wall 2019-08-27 08:02:10+10:00	Area inspected – southern boundary, including cut wall
DIRECTION SE (T) 33.96249°S ACCURACY 5 m 151.08741°E DATUM WGS84  West boundary 2019-08-27 08:04:16+10:00	Area inspected – western boundary

Appendix J1.5

Asbestos Clearance No.1

	Area inspected – general surface, facing southwards
---	--

Asbestos Clearance No.1

Grindley Construction Pty Ltd
(ABN: 42 003 586 687)
55 Grandview Street
Pymble NSW 2073

Appendix J1.5

Attention: Mr Rodney Peachey, via email RPeachey@grindley.com.au

ASBESTOS CLEARANCE CERTIFICATE NO.2
PROPOSED NEW SCHOOL
PENSHURST PUBLIC SCHOOL, 510 FOREST ROAD, PENSHURST, NSW

1 INTRODUCTION

Grindley Construction Pty Ltd ('the client') commissioned JK Environments (JKE) to undertake an asbestos clearance inspection for the proposed development at the above referenced site. The site location is shown on the attached Figure 1 and the clearance applies to the nominated areas (referred to herein as 'the area inspected') shown on Figure 2.

Environmental Investigation Services (EIS) has recently been re-branded to JK Environments and will continue to function as the environmental division of JK Group alongside JK Geotechnics and JK Drilling.

Asbestos Clearance No. 2

1.1 Background

JKE has previously investigated the site. The fill/soil was found to be impacted by bonded asbestos containing material (ACM). The site is being remediated under a Remediation Action Plan (RAP) (Ref: E30104Prpt3, dated 2 July 2019) and the remediation largely includes the excavation and off-site disposal of fill containing ACM. Asbestos clearance inspections are required once the fill is removed to confirm that there is no visible ACM at the ground surface.

1.2 Scope

The scope included a visual surface clearance for the presence of ACM. The area inspected incorporated:

- The vertical cut wall that comprised exposed fill/soil, located beneath the capping beam extending adjacent to western and northern boundaries of the site (the entire length of the wall was included); and
- The ground surface over the area inspected in the north-eastern portion of the site, together with the vertical cut/wall at the northern end of this area adjacent to the driveway entry.



Soil/material sampling was not undertaken as part of the clearance. Air monitoring is being undertaken by the removal contractor, however the air monitoring results do not form part of this clearance document.

2 ASSESSMENT CRITERIA AND METHODOLOGY

The clearance inspection for ACM was undertaken generally in accordance with Section 3 of the Safe Work Australia National Code of Practice How to Safely Remove Asbestos (2018). The inspection included a systematic walkover and visual inspection of the area inspected by a suitably qualified consultant.

3 INSPECTION FINDINGS / RESULTS

The inspection was undertaken by Harry Leonard of JKE on 28 August 2019. At the time of the inspection:

- The vertical wall beneath the capping beam was setback approximately 100mm from the face of the capping beam to facilitate the upcoming installation of shotcrete. The wall largely comprised exposed sandy and clayey fill soil with gravel and rubble inclusions. The western end of the wall beneath the capping beam along the northern boundary included natural, dark/orange brown clayey soil;
- The surface areas across the area inspected (adjacent to Arcadia Street) comprised natural, orange brown silty clay soil, with some areas of weathered grey shale; and
- The northern wall of the area inspected, adjacent to the entry driveway, included sandy and clayey fill with traces of concrete fragments to depths of between approximately 0.2-0.6m, underlain by natural clayey soil.

A selection of photographs are included in Appendix B.

It is the opinion of the Inspector that, as far as reasonably practicable, no visible, accessible ACM was observed in the area inspected during the inspection.

The visual inspection indicates that with respect to ACM the area inspected is considered safe for normal work to proceed.

4 LIMITATIONS

The report limitations are outlined below:

- JKE accepts no responsibility for any unidentified asbestos at the site. Any unexpected problems/subsurface features that may be encountered during development works should be inspected by an environmental consultant as soon as possible;
- This report has been prepared based on site conditions which existed at the time of the inspection; scope of work and limitation outlined in the JKE proposal; and terms of contract between JKE and the client (as applicable);
- The conclusions presented in this report are based on investigation of conditions at specific locations, chosen to be as representative as possible under the given circumstances, visual observations of the site and immediate surrounds and documents reviewed as described in the report;



- Subsurface soil and rock conditions encountered between investigation locations may be found to be different from those expected. Groundwater conditions may also vary, especially after climatic changes;
- The investigation and preparation of this report have been undertaken in accordance with accepted practice for environmental consultants, with reference to applicable environmental regulatory authority and industry standards, guidelines and the assessment criteria outlined in the report;
- JKE have not and will not make any determination regarding finances associated with the site;
- This report has been prepared for the particular project described and no responsibility is accepted for the use of any part of this report in any other context or for any other purpose;
- Copyright in this report is the property of JKE. JKE has used a degree of care, skill and diligence normally exercised by consulting professionals in similar circumstances and locality. No other warranty expressed or implied is made or intended. Subject to payment of all fees due for the work, the client alone shall have a licence to use this report;
- If the client, or any person, provides a copy of this report to any third party, such third party must not rely on this report except with the express written consent of JKE; and
- Any third party who seeks to rely on this report without the express written consent of JKE does so entirely at their own risk and to the fullest extent permitted by law, JKE accepts no liability whatsoever, in respect of any loss or damage suffered by any such third party.

If you have any questions concerning the contents of this letter please do not hesitate to contact us.

Kind Regards

Harry Leonard

Senior Environmental Scientist

Brendan Page

Principal Associate | Environmental Scientist

Appendices:

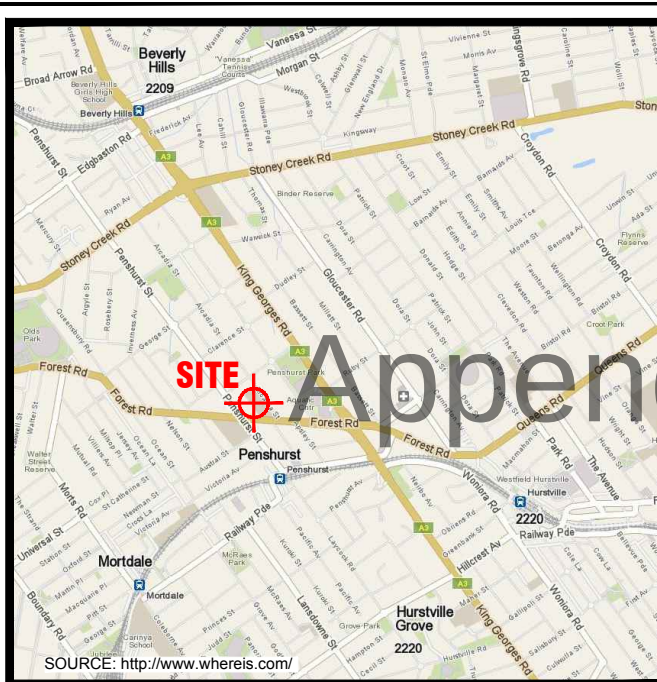
Appendix A: Report Figures

Appendix B: Photographs



Appendix J1.5

Asbestos Clearance No. 2 **Appendix A: Report Figures**



AERIAL IMAGE SOURCE: MAPS.AU.NEARMAP.COM, 25 APR 2019.

Title:

SITE LOCATION PLAN

Location:

PENSHURST PUBLIC SCHOOL
510 FOREST ROAD, PENSHURST, NSW

Report No:

E30104Plet-Clr2

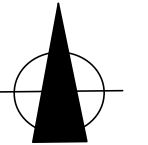
Figure No:

1

This plan should be read in conjunction with the Environmental report.

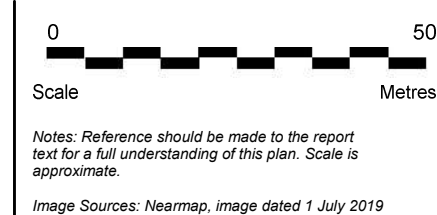
JKEnvironments





LEGEND:

- APPROXIMATE SITE BOUNDARY
- AREA INSPECTED (APPROXIMATE BOUNDARY)
- AREA(S) SUBJECT TO PREVIOUS CLEARANCE(S)



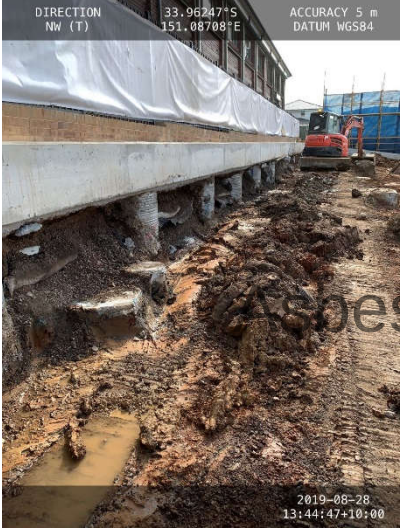
Title: ASBESTOS CLEARANCE PLAN	
Location: PENSHURST PUBLIC SCHOOL, 510 FOREST ROAD, PENSHURST, NSW	
Report No: E30104Plet-Clr2	Figure No: 2
JK ENVIRONMENTS	

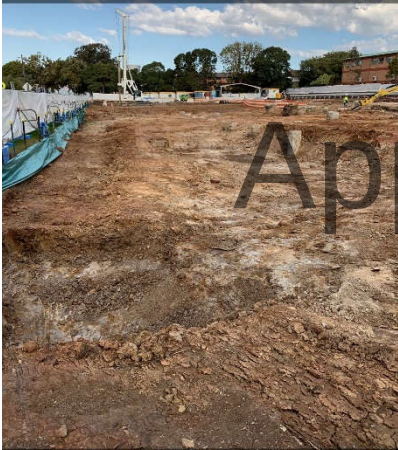




Appendix J1.5

Asbestos Clearance No. 2 **Appendix B: Photographs**

DIRECTION W (T) 33.96288°S 151.08742°E ACCURACY 5 m DATUM WGS84  2019-08-28 13:36:17+10:00	Area inspected – vertical wall beneath capping beam, western boundary
DIRECTION NW (T) 33.96247°S 151.08708°E ACCURACY 5 m DATUM WGS84  2019-08-28 13:44:47+10:00	Area inspected – vertical wall beneath capping beam, western boundary
DIRECTION NE (T) 33.96221°S 151.08689°E ACCURACY 5 m DATUM WGS84  2019-08-28 13:48:18+10:00	Area inspected – vertical wall beneath capping beam, northern boundary

DIRECTION S (T) 33.96207°S 151.08743°E ACCURACY 15 m DATUM WGS84  2019-08-28 14:11:16+10:00	Area inspected – eastern (Arcadia Street) boundary, facing south
DIRECTION SW (T) 33.96205°S 151.08741°E ACCURACY 5 m DATUM WGS84  2019-08-28 14:11:21+10:00	Area inspected – northern boundary adjacent to entry driveway, facing west
DIRECTION SE (T) 33.96211°S 151.08733°E ACCURACY 4 m DATUM WGS84  2019-08-28 14:11:56+10:00	Area inspected – western boundary of area adjoining Arcadia Street, facing south

4 September 2019
Ref: E30104Plet-Clr3

Grindley Construction Pty Ltd
(ABN: 42 003 586 687)
55 Grandview Street
Pymble NSW 2073

Appendix J1.5

Attention: Mr Rodney Peachey, via email RPeachey@grindley.com.au

ASBESTOS CLEARANCE CERTIFICATE NO.3 PROPOSED NEW SCHOOL PENSHURST PUBLIC SCHOOL, 510 FOREST ROAD, PENSHURST, NSW

1 INTRODUCTION

Grindley Construction Pty Ltd ('the client') commissioned JK Environments (JKE) to undertake an asbestos clearance inspection for the proposed development at the above referenced site. The site location is shown on the attached Figure 1 and the clearance applies to the nominated areas (referred to herein as 'the area inspected') shown on Figure 2.

Environmental Investigation Services (EIS) has recently been re-branded to JK Environments and will continue to function as the environmental division of JK Group alongside JK Geotechnics and JK Drilling.

Asbestos Clearance No. 3

1.1 Background

JKE has previously investigated the site. The fill/soil was found to be impacted by bonded asbestos containing material (ACM). The site is being remediated under a Remediation Action Plan (RAP) (Ref: E30104Prpt3, dated 2 July 2019) and the remediation largely includes the excavation and off-site disposal of fill containing ACM. Asbestos clearance inspections are required once the fill is removed to confirm that there is no visible ACM at the ground surface.

1.2 Scope

The scope included a visual surface clearance for the presence of ACM. The area inspected incorporated:

- Vertical cut walls that comprised exposed fill/soil along parts of the southern and northern ends of the area inspected;
- The ground surface over the area inspected in the northern and western portions of the site; and
- The surfaces across two small soil stockpiles (SP1 and SP2) that had been generated via the scraping up of natural soil from the central haul road as a result of recent wet weather.





Soil/material sampling was not undertaken as part of the clearance. Air monitoring is being undertaken by the removal contractor, however the air monitoring results do not form part of this clearance document.

2 ASSESSMENT CRITERIA AND METHODOLOGY

The clearance inspection for ACM was undertaken generally in accordance with Section 3 of the Safe Work Australia National Code of Practice How to Safely Remove Asbestos (2018). The inspection included a systematic walkover and visual inspection of the area inspected by a suitably qualified consultant.

3 INSPECTION FINDINGS / RESULTS

The inspection was undertaken by Brendan Page of JKE on 3 September 2019. At the time of the inspection:

- The surface areas across the area inspected predominantly comprised natural orange brown or grey mottled orange brown silty clay soil, with some natural grey siltstone/shale in parts (mostly in the north-western portion of the area inspected). There were minor occurrences of igneous gravel, concrete and ceramic on the surface of the natural soil in some areas;
- A small area adjacent to the northern entry driveway was surfaced with coarse concrete gravel;
- Some concrete footings remained in-situ, particularly along the western boundary. These were socketed into the natural soil; and
- The vertical walls included dark brown sandy and clayey fill with traces of concrete fragments and igneous gravel to depths of between approximately 0.2-0.6m, underlain by natural clayey soil.

A selection of photographs are included in Appendix B.

It is the opinion of the Inspector that, as far as reasonably practicable, no visible, accessible ACM was observed in the area inspected during the inspection.

The visual inspection indicates that with respect to ACM the area inspected is considered safe for normal work to proceed.

4 LIMITATIONS

The report limitations are outlined below:

- JKE accepts no responsibility for any unidentified asbestos at the site. Any unexpected problems/subsurface features that may be encountered during development works should be inspected by an environmental consultant as soon as possible;
- This report has been prepared based on site conditions which existed at the time of the inspection; scope of work and limitation outlined in the JKE proposal; and terms of contract between JKE and the client (as applicable);
- The conclusions presented in this report are based on investigation of conditions at specific locations, chosen to be as representative as possible under the given circumstances, visual observations of the site and immediate surrounds and documents reviewed as described in the report;



- Subsurface soil and rock conditions encountered between investigation locations may be found to be different from those expected. Groundwater conditions may also vary, especially after climatic changes;
- The investigation and preparation of this report have been undertaken in accordance with accepted practice for environmental consultants, with reference to applicable environmental regulatory authority and industry standards, guidelines and the assessment criteria outlined in the report;
- JKE have not and will not make any determination regarding finances associated with the site;
- This report has been prepared for the particular project described and no responsibility is accepted for the use of any part of this report in any other context or for any other purpose;
- Copyright in this report is the property of JKE. JKE has used a degree of care, skill and diligence normally exercised by consulting professionals in similar circumstances and locality. No other warranty expressed or implied is made or intended. Subject to payment of all fees due for the work, the client alone shall have a licence to use this report;
- If the client, or any person, provides a copy of this report to any third party, such third party must not rely on this report except with the express written consent of JKE; and
- Any third party who seeks to rely on this report without the express written consent of JKE does so entirely at their own risk and to the fullest extent permitted by law, JKE accepts no liability whatsoever, in respect of any loss or damage suffered by any such third party.

If you have any questions concerning the contents of this letter please do not hesitate to contact us.

Kind Regards

Brendan Page

Principal Associate | Environmental Scientist

Appendices:

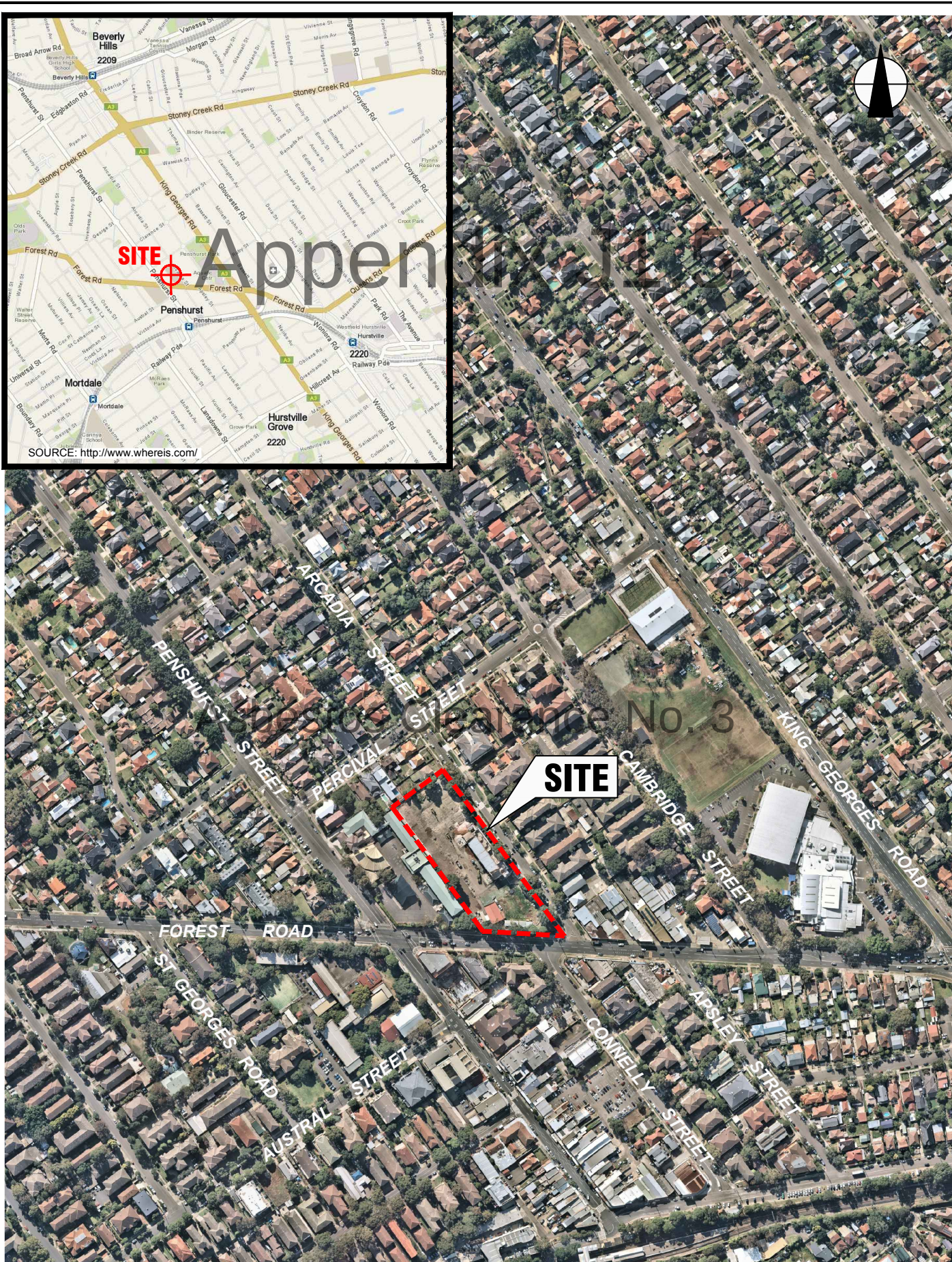
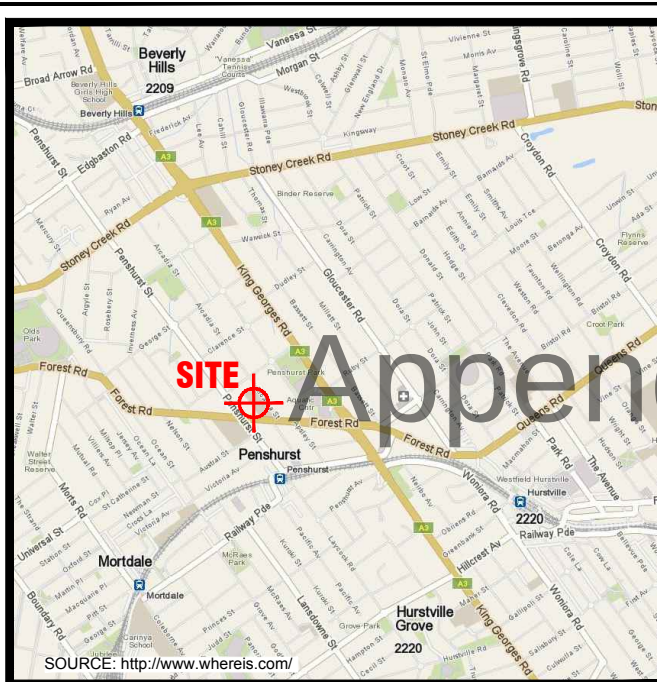
Appendix A: Report Figures

Appendix B: Photographs



Appendix J1.5

Asbestos Clearance No. 3 **Appendix A: Report Figures**



AERIAL IMAGE SOURCE: MAPS.AU.NEARMAP.COM, 25 APR 2019.

Title:

SITE LOCATION PLAN

Location:

PENSHURST PUBLIC SCHOOL
510 FOREST ROAD, PENSHURST, NSW

Report No:

E30104Plet-Clr3

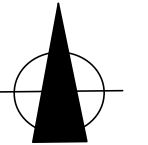
Figure No:

1

This plan should be read in conjunction with the Environmental report.

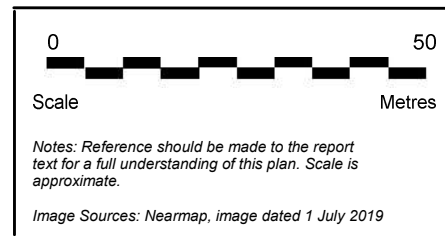
JKEnvironments





LEGEND:

- APPROXIMATE SITE BOUNDARY
- AREA INSPECTED (APPROXIMATE BOUNDARY)
- AREA(S) SUBJECT TO PREVIOUS CLEARANCE(S)



Title: ASBESTOS CLEARANCE PLAN	
Location: PENSHURST PUBLIC SCHOOL, 510 FOREST ROAD, PENSHURST, NSW	
Report No: E30104Plet-Clr3	Figure No: 2
JK ENVIRONMENTS	





Appendix J1.5

Asbestos Clearance No. 3 **Appendix B: Photographs**

Appendix J1.5

Asbestos Clearance No. 3

	Area inspected – northern portion, facing south-west
	Area inspected – western boundary, facing south-east
	Area inspected – central haul road, facing south

	Area inspected – vertical cut wall, northern end of the area inspected
	Area inspected – vertical cut wall, southern end of area inspected

Appendix J1.5

Asbestos Clearance No. 3

24 October 2019
Ref: E30104Plet-Clr4

Grindley Construction Pty Ltd
(ABN: 42 003 586 687)
55 Grandview Street
Pymble NSW 2073

Appendix J1.5

Attention: Mr Rodney Peachey, via email RPeachey@grindley.com.au

ASBESTOS CLEARANCE CERTIFICATE NO.4 PROPOSED NEW SCHOOL PENSHURST PUBLIC SCHOOL, 510 FOREST ROAD, PENSHURST, NSW

1 INTRODUCTION

Grindley Construction Pty Ltd ('the client') commissioned JK Environments (JKE) to undertake an asbestos clearance inspection for the proposed development at the above referenced site. The site location is shown on the attached Figure 1 and the clearance applies to the nominated areas (referred to herein as 'the area inspected') shown on Figure 2.

Environmental Investigation Services (EIS) has recently been re-branded to JK Environments and will continue to function as the environmental division of JK Group alongside JK Geotechnics and JK Drilling.

Asbestos Clearance No. 4

1.1 Background

JKE has previously investigated the site. The fill/soil was found to be impacted by bonded asbestos containing material (ACM). The site is being remediated under a Remediation Action Plan (RAP) (Ref: E30104Prpt3, dated 2 July 2019) and the remediation largely includes the excavation and off-site disposal of fill containing ACM. Asbestos clearance inspections are required once the fill is removed to confirm that there is no visible ACM at the ground surface.

1.2 Scope

The scope included a visual surface clearance for the presence of ACM. The area inspected incorporated:

- Vertical cut walls that comprised exposed fill/soil along parts of the southern end of the area inspected adjacent the new driveway and the eastern end, adjacent Arcadia Street;
- The vertical cut wall along the northern end of the area inspected; and
- The ground surface over the area inspected, in the south-eastern portion of the site.



Soil/material sampling was not undertaken as part of the clearance. Air monitoring is being undertaken by the removal contractor, however the air monitoring results do not form part of this clearance document.

2 ASSESSMENT CRITERIA AND METHODOLOGY

The clearance inspection for ACM was undertaken generally in accordance with Section 3 of the Safe Work Australia National Code of Practice How to Safely Remove Asbestos (2018). The inspection included a systematic walkover and visual inspection of the area inspected by a suitably qualified consultant.

3 INSPECTION FINDINGS / RESULTS

The inspection was undertaken by Harry Leonard of JKE on 23 October 2019. At the time of the inspection:

- The surface areas across the area inspected predominantly comprised natural orange brown or grey mottled orange brown silty clay soil;
- The vertical walls along the southern and eastern ends of the area inspected included dark brown sandy and clayey fill with traces of concrete fragments and igneous gravel to depths of between approximately 0.2-0.4m, underlain by natural clayey soil;
- The vertical wall along the northern end of the area inspected comprised natural orange brown silty clay soil; and
- The western end of the area inspected was a gradual slope with no clear vertical wall defined.

A selection of photographs are included in Appendix B.

It is the opinion of the Inspector that, as far as reasonably practicable, no visible, accessible ACM was observed in the area inspected during the inspection.

The visual inspection indicates that with respect to ACM the area inspected is considered safe for normal work to proceed.

4 LIMITATIONS

The report limitations are outlined below:

- JKE accepts no responsibility for any unidentified asbestos at the site. Any unexpected problems/subsurface features that may be encountered during development works should be inspected by an environmental consultant as soon as possible;
- This report has been prepared based on site conditions which existed at the time of the inspection; scope of work and limitation outlined in the JKE proposal; and terms of contract between JKE and the client (as applicable);
- The conclusions presented in this report are based on investigation of conditions at specific locations, chosen to be as representative as possible under the given circumstances, visual observations of the site and immediate surrounds and documents reviewed as described in the report;

- Subsurface soil and rock conditions encountered between investigation locations may be found to be different from those expected. Groundwater conditions may also vary, especially after climatic changes;
- The investigation and preparation of this report have been undertaken in accordance with accepted practice for environmental consultants, with reference to applicable environmental regulatory authority and industry standards, guidelines and the assessment criteria outlined in the report;
- JKE have not and will not make any determination regarding finances associated with the site;
- This report has been prepared for the particular project described and no responsibility is accepted for the use of any part of this report in any other context or for any other purpose;
- Copyright in this report is the property of JKE. JKE has used a degree of care, skill and diligence normally exercised by consulting professionals in similar circumstances and locality. No other warranty expressed or implied is made or intended. Subject to payment of all fees due for the work, the client alone shall have a licence to use this report;
- If the client, or any person, provides a copy of this report to any third party, such third party must not rely on this report except with the express written consent of JKE; and
- Any third party who seeks to rely on this report without the express written consent of JKE does so entirely at their own risk and to the fullest extent permitted by law, JKE accepts no liability whatsoever, in respect of any loss or damage suffered by any such third party.

If you have any questions concerning the contents of this letter please do not hesitate to contact us.

Kind Regards



Harry Leonard

Senior Environmental Scientist



Brendan Page

Principal Associate | Environmental Scientist

Appendices:

Appendix A: Report Figures

Appendix B: Photographs



Appendix J1.5

Asbestos Clearance No. 4 **Appendix A: Report Figures**