



# Asbestos Materials Re-Inspection Report

**Sydney Water Corporation**

**Sydney Water Accommodation Site, Brunker Road,  
Potts Hill NSW**



**March 2009**

**Our Ref: SS0081:69631-12**

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SS0081:LB

69631.12R1 Sydney Water - Potts Hill Final Asbestos Re-Inspection Mar 09

COMMERCIAL IN CONFIDENCE

# Asbestos Materials Re-Inspection Report

## Sydney Water Corporation

### Sydney Water Accommodation Site, Brunner Road, Potts Hill NSW

#### Executive Summary

##### Purpose

This report primarily presents the findings of an Asbestos Materials Re-Inspection conducted at the Sydney Water Accommodation Site located at Brunner Road, Potts Hill NSW. The re-inspection was undertaken in order to monitor the condition of previously identified asbestos materials on the site and compile an updated Asbestos Register for the site. Noel Arnold & Associates Pty Ltd (NAA) conducted the re-inspection survey on 17<sup>th</sup> November 2008.

Subsequent to this re-inspection survey, removal/remediation of several asbestos items was undertaken in March 2009 by a licensed asbestos removal contractor with NAA present to undertake occupational hygiene works (e.g. asbestos fibre air monitoring and clearance inspections).

Asbestos works have also been undertaken since the previous re-inspection. NAA obtained verbal confirmation from Sydney Water personnel that the asbestos cement roof, downpipes and guttering from Building 8 (Old Metal Shed) in Area 9 have been removed in late 2008. NAA obtained verbal confirmation from Sydney Water personnel that the asbestos cement roof, walls, downpipes and guttering on Building 3 (Critical Inventory Store) in Area 1 have been encapsulated (sealed) by Cardinal Project Services, an AS-1 (friable) licensed Asbestos Removalist in 2007. No clearance certificate was provided for these works at the time of inspection.

The status of these items following these works has been incorporated into this report (including the Asbestos Materials Register).

##### Scope

The re-inspection involved a visual non-destructive inspection of representative construction materials in order to assess the condition of previously identified asbestos-containing materials on the site and compile an updated Asbestos Register for the site. This report is not intended for the purposes of tendering, programming of works, refurbishment works or demolition works unless used in conjunction with a specification detailing the extent of the works.

##### Findings

Asbestos materials identified at the Sydney Water Potts Hill site are summarised in the table below. NAA have used the building numbers/names used in the Hazardous Materials Survey Report for the site prepared by GHD in June 2005 for consistency (Report Reference 21/1380/51).

Building Number & Name	Fibre Cement	Vinyl Floor Tiles	Electrical Backing Boards	Friable Materials	Other
<b>Area 1</b>					
3 – Critical Inventory Store	✓	-	✓	-	-
4 - Administration	-	-	✓	-	-
<b>Area 2 – No Asbestos Materials Identified</b>					
<b>Area 3</b>					
4 – Scheduling Team House	✓	-	-	-	-
5 – OH&S Team Office	✓	-	-	-	-
6 – Re-chlorination	✓	-	-	-	-

Building Number & Name	Fibre Cement	Vinyl Floor Tiles	Electrical Backing Boards	Friable Materials	Other
Team Office					
7 - Garage	✓	-	-	-	-
<b>Area 4</b>					
1 - Dilapidated Room	✓	-	-	-	-
2 - Amenity Block	✓	-	-	-	-
<b>Area 5</b>					
2 - Suction Well	✓	-	-	-	-
3 - Tank Building	✓	-	-	-	-
<b>Area 6</b>					
2 - Office	✓	-	✓	-	-
3 - Training	✓	-	-	-	-
8 - Pump House	✓	-	✓	-	-
<b>Area 7</b>					
1 - Pressure Tunnel	✓	-	-	-	-
2 - Tank Building	✓	-	-	-	-
<b>Area 8 - Not included in this site assessment.</b>					
<b>Area 9</b>					
1 - Old Shed	✓	-	-	-	-
3 - Re-chlorination Team Lab	✓	-	-	-	-
4 - City Tunnel WT033	✓	-	-	-	-
4A - Store	✓	-	-	-	-
5 - Tank Building	✓	-	-	-	-
5A - Shaft Building	✓	-	✓	-	-
8 Old Metal Sheds	✓	-	-	-	✓
<b>Area 10</b>					
2 - Old Metal Shed	-	-	✓	-	-
9 - Flammables Store	✓	-	-	-	✓
<b>Area 11</b>					
6 - Amenity Block	✓	-	-	-	-
14 - Metal Storage Shed	✓	-	-	-	-
<b>Area 12</b>					
1 - Main Store	✓	-	-	-	-
2 - Main Administration	✓	-	-	-	✓
3 - Main Administration	✓	-	-	-	✓
5 - Cafeteria	✓	-	-	-	-
Guard House	✓	-	-	-	-
<b>Area 13 - Not included in this site assessment. See Yagoona Works Depot Report (Ref. 69631.10)</b>					

## Remedial Works

Asbestos remedial works were undertaken by Ross Mitchell & Associates, an AS-1 (friable) licensed Asbestos Removalist on Thursday 18<sup>th</sup> March 2009. Asbestos remedial works were undertaken in the following areas:

- ❑ Area 1, Building 3 Critical Inventory Store – sealing of damaged wall sheets;
- ❑ Area 4, Building 2 Amenity Block – removal of fibre cement on ground surface; &
- ❑ Area 9, Building 1 Old Shed – removal of disused stored electrical backing board.

Air monitoring and clearance inspections were undertaken by NAA as part of these remedial works and are included in Appendix H. These works are described in further detail in a separate report issued by NAA in March 2009, which also includes removal/remedial works undertaken at Sydney Water's Beecroft site on Friday 19<sup>th</sup> March 2009 (Ref. 72566).

Asbestos removal works have also been undertaken since the previous re-inspection. NAA obtained verbal confirmation from Sydney Water personnel that the asbestos cement roof, downpipes and guttering from Building 8 (Old Metal Shed) in Area 9 have been removed in late 2008. No clearance certificate was provided at the time of inspection.

Asbestos encapsulated (sealing) works have also been undertaken since the previous re-inspection. NAA obtained verbal confirmation from Sydney Water personnel that the asbestos cement roof, walls, downpipes and guttering on Building 3 (Critical Inventory Store) in Area 1 have been encapsulated (sealed) by Cardinal Project Services, an AS-1 (friable) licensed Asbestos Removalist in 2007. No clearance certificate was provided at the time of inspection.

## Recommendations

- ❑ Consider labelling all asbestos containing materials to warn of the dangers of disturbing these materials. This is particularly relevant for external maintenance contractors and future staff to prevent inadvertent damage to unfamiliar asbestos materials.
- ❑ Develop a re-assessment schedule for the asbestos-containing materials remaining on-site to monitor their aging/deterioration. Clause 43 of the *NSW Occupational Health & Safety Regulation 2001* states that a controller of premises must ensure that risk assessment and control measures are carried out in accordance with the *Code of Practice for the Management & Control of Asbestos in the Workplace* [NOHSC: 2018(2005)]. This document specifies that the Asbestos Register, including any risk assessments, should be reviewed annually incorporating a visual inspection of identified asbestos. However, it may be acceptable for asbestos materials identified as low risk to be subject to longer re-inspection/re-assessment intervals (e.g. up to three years) provided there are systems in place to report and record any damage, disturbance or work involving the asbestos materials prior to the next scheduled risk assessment.
- ❑ When demolition or refurbishment works are required a Destructive Hazardous Materials Inspection should be undertaken as per AS2601:2001 *The Demolition of Structures*.
- ❑ It is imperative that demolition or refurbishment works cease pending further sampling if materials suspected of containing asbestos or unknown materials are encountered.

## Statement of Limitations

This report has been prepared in accordance with the agreement between the Sydney Water Corporation and Noel Arnold & Associates Pty Ltd.

Within the limitations of the agreed upon scope of services, this assessment has been undertaken and performed in a professional manner, in accordance with generally accepted practices, using a degree of skill and care ordinarily exercised by members of its profession and consulting practice. No other warranty, expressed or implied, is made.

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

This report was prepared for the Sydney Water Corporation solely for the purpose set out herein and it is not intended that any other person use or rely on it. Whilst this report is accurate to the best of our knowledge and belief Noel Arnold & Associates Pty Ltd cannot guarantee completeness or accuracy of any descriptions or conclusions based on information supplied to it during site surveys, visits and interviews. Responsibility is disclaimed for any loss or damage, including but not limited to, any loss or damage suffered by Sydney Water Corporation arising from the use of this report or suffered by any other person for any reason whatsoever.

This report relates only to the identification of asbestos containing materials used in the construction of the building and does not include the identification of dangerous goods or hazardous substances in the form of chemicals used, stored or manufactured with the building or plant.

The following should also be noted:

While the survey has attempted to locate the asbestos containing materials within the site it should be noted that the survey was a visual inspection and a limited sampling program was conducted. Representative samples of suspect asbestos materials for collected for analysis. Other asbestos materials of similar appearance are assumed to have a similar content.

Not all suspected asbestos materials were sampled. Only those asbestos materials that were physically accessible could be located and identified. Therefore it is possible that asbestos materials, which may be concealed within inaccessible areas/voids, may not have been located during the audit. Such inaccessible areas fall into a number of categories, including but not restricted to:

- (a) Locations behind locked doors.
- (b) In set ceilings or wall cavities.
- (c) Those areas accessible only by dismantling equipment or performing minor localised demolition works.
- (d) Service shafts, ducts etc., concealed within the building structure.
- (e) Energised services, gas, electrical, pressurised vessel and chemical lines.
- (f) Voids or internal areas of machinery, plant, equipment, air conditioning ducts etc.
- (g) Totally inaccessible areas such as voids and cavities created and intimately concealed within the building structure. These voids are only accessible during major demolition works.
- (h) Height restricted areas.
- (i) Areas deemed unsafe or hazardous at time of audit

In addition to areas that were not accessible, the possible presence of hazardous building materials may not have been assessed because it was not considered practicable as:

- 1. It would require unnecessary dismantling of equipment; and/or
- 2. It was considered disruptive to the normal operations of the building; and/or
- 3. It may have caused unnecessary damage to equipment, furnishings or surfaces; and/or
- 4. The hazardous material was not considered to represent a significant exposure risk; and/or
- 5. The time taken to determine the presence of the hazardous building material was considered prohibitive.

Only minor destructive auditing and sampling techniques were employed to gain access to those areas documented in Appendix A. Consequently, without substantial demolition of the building, it is not possible to guarantee that every source of hazardous material has been detected.

During the course of normal site works care should be exercised when entering any previously inaccessible areas or areas mentioned above and it is imperative that work cease pending further sampling if materials suspected of containing asbestos or unknown materials are encountered. Therefore during any refurbishment or demolition works, further investigations and assessment may be required should any suspect material be observed in previously inaccessible or areas not fully inspected previously i.e. carpeted floors.

This report is not intended to be used for the purposes of tendering, programming of works, refurbishment works or demolition works unless used in conjunction with a specification detailing the extent of the works. To ensure its contextual integrity, the report must be read in its entirety and should not be copied, distributed or referred to in part only.

# Asbestos Materials Re-Inspection Report

Sydney Water Corporation

Sydney Water Accommodation Site, Brunner Road, Potts Hill NSW

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## 1. Introduction

This report primarily presents the findings of an Asbestos Materials Re-Inspection conducted at the Sydney Water Accommodation Site located at Brunker Road, Potts Hill NSW. The re-inspection was undertaken in order to monitor the condition of previously identified asbestos materials on the site and compile an updated Asbestos Register for the site. Lee Brown of Noel Arnold & Associates Pty Ltd (NAA) conducted the re-inspection survey on 17<sup>th</sup> November 2008 at the request of Lance Chapman, Project Manager of Sydney Water Corporation.

Subsequent to this re-inspection survey, removal/remediation of several asbestos items was undertaken in March 2009 by a licensed asbestos removal contractor with NAA present to undertake occupational hygiene works (e.g. asbestos fibre air monitoring and clearance inspections).

Asbestos works have also been undertaken since the previous re-inspection. NAA obtained verbal confirmation from Sydney Water personnel that the asbestos cement roof, downpipes and guttering from Building 8 (Old Metal Shed) in Area 9 have been removed in late 2008. NAA obtained verbal confirmation from Sydney Water personnel that the asbestos cement roof, walls, downpipes and guttering on Building 3 (Critical Inventory Store) in Area 1 have been encapsulated (sealed) by Cardinal Project Services, an AS-1 (friable) licensed Asbestos Removalist in 2007. No clearance certificate was provided for these works at the time of inspection.

The status of these items following these works has been incorporated into this report (including the Asbestos Materials Register).

## 2. Scope of Work

The re-inspection involved a visual non-destructive inspection of representative construction materials in order to assess the condition of previously identified asbestos-containing materials on the site and compile an updated Asbestos Register for the site. The re-inspection was conducted during normal business hours and the buildings were occupied at the time of the assessment.

This report is not intended for the purposes of tendering, programming of works, refurbishment works or demolition works unless used in conjunction with a specification detailing the extent of the works.

## 3. Site Description

Sydney Water Maintenance Depot Potts Hill incorporates 11 areas. The year of construction of the buildings ranged from approximately 1960 to 2000. Buildings include offices, storage sheds, warehouses, training areas, electrical rooms and demountables. Building materials used externally were predominantly brick, metal and fibre cement sheeting, while internal materials included synthetic mineral fibre, plasterboard, carpet and ceramic tiles.

Site plans are provided in Appendix G showing buildings surveyed, sample locations and photograph locations. NAA have used the building numbers/names used in the Hazardous Materials Survey Report for the site prepared by GHD in June 2005 for consistency (Report Reference 21/1380/51). No site plans are included for Areas 8 & 13 in Appendix G as these areas were not included as part of this site assessment. Area 13 has been assessed as Yagoona Works Depot and is presented in a separate report prepared by NAA (Ref. 69631.10). No access was available to Area 8 at the time of the assessment, as on-site personnel reported that it was not part of the Potts Hill Maintenance Depot.

## 4. Background

Regular re-inspections of the condition of asbestos materials in order to ensure risk assessments remain current are a requirement of the *Code of Practice for the Management & Control of Asbestos in the Workplace* [NOHSC: 2018(2005)] as referenced by the NSW *Occupational Health & Safety Regulation 2001*. This document specifies that the Asbestos Register, including any risk assessments, should be reviewed annually incorporating a visual inspection of identified asbestos. This Asbestos Materials Re-Inspection has been conducted in order to assist Sydney Water to meet these specific legislative requirements.

### 4.1 Previous Asbestos Report

The following asbestos survey report was reviewed as part of this assessment:

- ❑ *Hazardous Materials Survey Report*, Sydney Water, Potts Hill Depot issued by GHD Pty Ltd dated June 2005 (Ref: 21/1380/51).

The condition of asbestos materials identified in this report was reviewed as part of this Asbestos Materials Re-Inspection.

### 4.2 Recent Asbestos Removal Works

Asbestos remedial works were undertaken by Ross Mitchell & Associates, an AS-1 (friable) licensed Asbestos Removalist on Thursday 18<sup>th</sup> March 2009. Asbestos remedial works were undertaken in the following areas:

- ❑ Area 1, Building 3 Critical Inventory Store – sealing of damaged wall sheets;
- ❑ Area 4, Building 2 Amenity Block – removal of fibre cement on ground surface; &
- ❑ Area 9, Building 1 Old Shed – removal of disused stored electrical backing board.

Air monitoring and clearance inspections were undertaken by NAA as part of these remedial works and are included in Appendix H. These works are described in further detail in a separate report issued by NAA in March 2009, which also includes removal/remedial works undertaken at Sydney Water's Beecroft site on Friday 19<sup>th</sup> March 2009 (Ref. 72566).

Asbestos removal works have also been undertaken since the previous re-inspection in late 2008. NAA obtained verbal confirmation from Sydney Water personnel that the asbestos cement roof, downpipes and guttering from Building 8 (Old Metal Shed) in Area 9 have been removed. No clearance certificate was provided at the time of inspection.

Asbestos encapsulated (sealing) works have also been undertaken since the previous re-inspection. NAA obtained verbal confirmation from Sydney Water personnel that the asbestos cement roof, walls, downpipes and guttering on Building 3 (Critical Inventory Store) in Area 1 have been encapsulated (sealed) by Cardinal Project Services, an AS-1 (friable) licensed Asbestos Removalist in 2007. No clearance certificate was provided at the time of inspection.

The status of these items following these works has been incorporated into this report (including the Asbestos Materials Register).



## 5. Methodology

The re-inspection involved a visual non-destructive inspection and assessment of accessible and representative construction materials. The condition of asbestos material previously identified by GHD was assessed as part of the re-inspection. The asbestos assessment was carried out in accordance with the guidelines documented in the *Code of Practice for the Management and Control of Asbestos in Workplaces* [NOHSC: 2018 (2005)].

Eleven (11) samples of suspected asbestos-containing material were collected during the survey. A small representative sample was collected in a plastic bag with clip-lock seals. The samples were analysed in Noel Arnold & Associates' NATA-accredited Sydney laboratory for the presence of asbestos by Polarised Light Microscopy. The laboratory report for this sample analysis is included in Appendix B.

Samples analysed as part of GHD's June 2005 inspection are included in the Asbestos Materials Register in Appendix A and the Sample Analysis Report is included in Appendix C.

### 5.1 Areas Not Accessible/Not Inspected

It is noted that given the constraints of practicable access encountered during the risk assessment survey, the following areas were not accessed or inspected:

- ☐ Within wall cavities;
- ☐ Within those areas accessible only by dismantling equipment;
- ☐ Within service shafts, ducts etc., concealed within the building structure;
- ☐ Within library roof;
- ☐ Within voids or internal areas of plant, equipment, air-conditioning ducts etc;
- ☐ Energised services, gas, electrical, pressurised vessel and chemical lines;
- ☐ Areas deemed unsafe or hazardous at time of audit;
- ☐ Within totally inaccessible areas such as voids and cavities created and intimately concealed within the building structure. These voids are only accessible during major demolition works; &
- ☐ Height restricted areas.

Should refurbishment and demolition operations entail possible disturbance of materials in these locations, further investigation and sampling of specific areas should be conducted as part of an asbestos management and abatement program prior to any works proceeding.

Note that the presence of any residual asbestos insulation and applications on steel members, concrete surfaces, pipe work, equipment and adjacent areas from prior abatement or refurbishment works cannot be ascertained without extensive removal and damage to existing insulation, fittings and finishes.

Other specific areas not accessed or inspected are described in **Appendix A**.

## 6. Survey Summary

Asbestos materials identified at the Sydney Water Potts Hill site are summarised in the table below.

Building Number & Name	Fibre Cement	Vinyl Floor Tiles	Electrical Backing Boards	Friable Materials	Other
<b>Area 1</b>					
3 – Critical Inventory Store	✓	-	✓	-	-
4 - Administration	-	-	✓	-	-
<b>Area 2 – No Asbestos Materials Identified</b>					
<b>Area 3</b>					
4 – Scheduling Team House	✓	-	-	-	-
5 – OH&S Team Office	✓	-	-	-	-
6 – Re-chlorination Team Office	✓	-	-	-	-
7 - Garage	✓	-	-	-	-
<b>Area 4</b>					
1 – Dilapidated Room	✓	-	-	-	-
2 – Amenity Block	✓	-	-	-	-
<b>Area 5</b>					
2 – Suction Well	✓	-	-	-	-
3 – Tank Building	✓	-	-	-	-
<b>Area 6</b>					
2 - Office	✓	-	✓	-	-
3 - Training	✓	-	-	-	-
8 – Pump House	✓	-	✓	-	-
<b>Area 7</b>					
1 – Pressure Tunnel	✓	-	-	-	-
2 - Tank Building	✓	-	-	-	-
<b>Area 8 – Not included in this site assessment.</b>					
<b>Area 9</b>					
1 – Old Shed	✓	-	-	-	-
3 – Re-chlorination Team Lab	✓	-	-	-	-
4 – City Tunnel WT033	✓	-	-	-	-
4A – Store	✓	-	-	-	-
5 – Tank Building	✓	-	-	-	-
5A – Shaft Building	✓	-	✓	-	-
8 Old Metal Sheds	✓	-	-	-	✓
<b>Area 10</b>					
2 – Old Metal Shed	-	-	✓	-	-
9 – Flammables Store	✓	-	-	-	✓
<b>Area 11</b>					
6 – Amenity Block	✓	-	-	-	-
14 – Metal Storage Shed	✓	-	-	-	-
<b>Area 12</b>					
1 – Main Store	✓	-	-	-	-
2 – Main Administration	✓	-	-	-	✓
3 – Main Administration	✓	-	-	-	✓
5 - Cafeteria	✓	-	-	-	-
Guard House	✓	-	-	-	-
<b>Area 13 – Not included in this site assessment. See Yagoona Works Depot Report (Ref. 69631.10)</b>					

## 7. Recommendations

- ❑ Consider labelling all asbestos containing materials to warn of the dangers of disturbing these materials. This is particularly relevant for external maintenance contractors and future staff to prevent inadvertent damage to unfamiliar asbestos materials.
- ❑ Develop a re-assessment schedule for the asbestos-containing materials remaining on-site to monitor their aging/deterioration. Clause 43 of the *NSW Occupational Health & Safety Regulation 2001* states that a controller of premises must ensure that risk assessment and control measures are carried out in accordance with the *Code of Practice for the Management & Control of Asbestos in the Workplace* [NOHSC: 2018(2005)]. This document specifies that the Asbestos Register, including any risk assessments, should be reviewed annually incorporating a visual inspection of identified asbestos. However, it may be acceptable for asbestos materials identified as low risk to be subject to longer re-inspection/re-assessment intervals (e.g. up to three years) provided there are systems in place to report and record any damage, disturbance or work involving the asbestos materials prior to the next scheduled risk assessment.
- ❑ When demolition or refurbishment works are required a Destructive Hazardous Materials Inspection should be undertaken as per AS2601:2001 *The Demolition of Structures*.
- ❑ It is imperative that demolition or refurbishment works cease pending further sampling if materials suspected of containing asbestos or unknown materials are encountered.

# **Asbestos Materials Re-Inspection Report**

**Sydney Water Corporation**

**Sydney Water Accommodation Site, Brunker Road, Potts Hill NSW**

**Appendix A: Asbestos Materials Register**

- ❑ The findings of the report are contained in this appendix: Asbestos Materials Register.
- ❑ A summary of the significant findings is contained in Section 6.
- ❑ The table below outlines the layout of the tabulated Asbestos Register and the information presented.

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COMMERCIAL IN CONFIDENCE

# Asbestos Materials Register

Sydney Water Corporation

Brunker Road, Potts Hill NSW

Assessment Date: Monday 17<sup>th</sup> November 2008

Assessed by: Lee Brown

\*Items identified as asbestos or assumed to be asbestos (i.e. Positive or Assumed Positive) currently present at the site are highlighted in shaded rows.

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
<b>Area 1 – Inner West Civil Maintenance Depot</b>										
<b>Buildings 1 &amp; 2 – Main Store</b>										
<i>External</i>										
Roof Corrugated fibre cement sheeting	Refer to GHD ASB050/W June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.
Perimeter Upper Walls Corrugated fibre cement sheeting	Refer to GHD ASB050/W June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.
Perimeter Infill Panels Corrugated fibre cement sheeting	Refer to GHD ASB050/W June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.
Gutters Moulded fibre cement sheeting	Refer to GHD ASB050/W June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.
Downpipes Moulded fibre cement sheeting	Refer to GHD ASB050/W June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Northeast Corner Office Walls Fibre cement sheet	Refer to GHD ASB052/W June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.
Northeast Corner Toilet Western wall Fibre cement sheet	Refer to GHD ASB052/W June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.
<b>Internal</b>										
Northeast Corner Wall Fibre cement sheet	Refer to GHD ASB052/W June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.
Northeast Office Ceiling Fibre cement sheet	Refer to GHD ASB052/W June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.
Northeast Toilet Ceiling Fibre cement sheet	Refer to GHD ASB052/W June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.
Northwest Corner Switchboard Electrical backing board	Refer to GHD ASB053/ZEL June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
<b>Building 3 – Critical Inventory Store</b>										
<i>External</i>										
Roof Corrugated fibre cement sheeting	Refer to GHD ASB050/W June 2005	Assumed Positive	1	~5,000m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	Roof sheeting has been encapsulated (sealed) by Cardinal Project Services in 2007. Material still present.
Perimeter Walls & High Level Infill Panels Corrugated fibre cement sheeting	Refer to GHD ASB050/W June 2005	Assumed Positive	2	~2,100m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	Damaged wall sheeting remediated by Ross Mitchell & Associates to improve condition on Wednesday 18 <sup>th</sup> March 2009 (NAA Ref 72566-1). Wall sheeting has been encapsulated (sealed) by Cardinal Project Services in 2007. Material still present.
Gutters Moulded fibre cement sheeting	Refer to GHD ASB050/W June 2005	Positive	-	-	Good	Non-friable	Low	Low	Nov 2009	Guttering has been encapsulated (sealed) by Cardinal Project Services in 2007. Material still present.
Downpipes Moulded fibre cement sheeting	Refer to GHD ASB050/W June 2005	Positive	-	-	Good	Non-friable	Low	Low	Nov 2009	Downpipes have been encapsulated (sealed) by Cardinal Project Services in 2007. Material still present.
<i>Internal</i>										
Southeast Corner Switchboard Electrical backing board	Refer to GHD ASB051/ZEL June 2005	Positive	-	1 unit	Good	Non-friable	Low	Low	Nov 2009	-



Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
<b>Building 4 – Administration</b>										
<i>External</i>										
Perimeter Wall Fibre cement sheeting	Refer to GHD ASB056/E June 2005	Negative	-	-	-	-	-	-	-	-
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB056/E June 2005	Negative	-	-	-	-	-	-	-	-
Roof Western end Fibre cement sheeting	Refer to GHD ASB056/E June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Northern Wall Switch Board Electrical backing board *Not sampled due to live electricity	-	Suspected Positive	3	1 unit	Good	Non- friable	Low	Low	Nov 2009	-
<i>Internal</i>										
Foyer Floor Coverings Grey coloured vinyl floor tiles	Refer to GHD ASB057/F June 2005	Negative	-	-	-	-	-	-	-	-
Print Room Floor Coverings Vinyl floor tiles	Refer to GHD ASB058/F June 2005	Negative	-	-	-	-	-	-	-	-
Male Toilets North wall Fibre cement sheeting	Refer to GHD ASB059/W June 2005	Negative	-	-	-	-	-	-	-	-
Female Toilet Wall Fibre cement sheeting	Refer to GHD ASB060/W June 2005	Negative	-	-	-	-	-	-	-	-
Entrance Floor coverings Red coloured vinyl floor tiles	NAA 69631-12-04 Nov 2008	Negative	-	-	-	-	-	-	-	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
<b>Building 5 – Main Office</b>										
<i>External</i>										
Perimeter Walls Fibre cement sheeting	Refer to GHD ASB055/W June 2005	Negative	-	-	-	-	-	-	-	-
Perimeter Wall panels Fibre cement sheeting	Refer to GHD ASB056/E June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB056/E June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Northeast Corner Wall Fibre cement sheeting	Refer to GHD ASB056/E June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Roof Turret Fibre cement sheeting	Refer to GHD ASB056/E June 2005	Assumed Negative	-	-	-	-	-	-	-	-
<i>Internal</i>										
Male Toilet Walls Fibre cement sheeting	Refer to GHD ASB061/W June 2005	Negative	-	-	-	-	-	-	-	-
Female Toilet South wall Fibre cement sheeting	Refer to GHD ASB061/W June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Female Toilet Partition Fibre cement sheeting	Refer to GHD ASB062/W June 2005	Negative	-	-	-	-	-	-	-	-
Kitchen Floor Coverings Vinyl floor tiles	NAA 69631-12-01 Nov 2008	Negative	-	-	-	-	-	-	-	-
Kitchen Sink Heat Pad Bituminous membrane	NAA 69631-12-02 Nov 2008	Negative	-	-	-	-	-	-	-	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Male Toilets Partitions Fibre cement sheeting	NAA 69631-12-03 Nov 2008	Negative	-	-	-	-	-	-	-	-
<b>Buildings 6-11 – Sheds</b>										
No asbestos containing materials identified at the time of inspection										
<b>Area 2</b>										
<b>Building 1 – Classrooms</b>										
<i>External</i>										
East Side Eaves Fibre cement sheeting	Refer to GHD ASB063/E June 2005	Assumed Negative	-	-	-	-	-	-	-	-
West Side Eaves Fibre cement sheeting	Refer to GHD ASB063/E June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Entrance Awning Fibre cement sheeting	Refer to GHD ASB063/E June 2005	Assumed Negative	-	-	-	-	-	-	-	-
<i>Internal</i>										
No asbestos containing materials identified at the time of inspection										
<b>Building 2 – Reception &amp; Admin</b>										
<i>External</i>										
East Side Eaves Fibre cement sheeting	Refer to GHD ASB063/E June 2005	Negative	-	-	-	-	-	-	-	-
West Side Eaves Fibre cement sheeting	Refer to GHD ASB063/E June 2005	Negative	-	-	-	-	-	-	-	-
Entrance Awning Fibre cement sheeting	Refer to GHD ASB063/E June 2005	Assumed Negative	-	-	-	-	-	-	-	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Western Entrance Awning Fibre cement sheeting	Refer to GHD ASB063/E June 2005	Assumed Negative	-	-	-	-	-	-	-	-
<b>Internal</b>										
No asbestos containing materials identified at the time of inspection										
<b>Building 3 – Training Room 5-Demountable</b>										
<b>External</b>										
North & South Side Eaves Fibre cement sheeting	Refer to GHD ASB063/E June 2005	Assumed Negative	-	-	-	-	-	-	-	-
<b>Internal</b>										
Throughout Floor Coverings Vinyl floor tiles	Refer to GHD ASB064/F June 2005	Negative	-	-	-	-	-	-	-	-
<b>Buildings 4-10 - Sheds</b>										
No asbestos containing materials identified at the time of inspection										
<b>Building 11 – Disused demountable shed</b>										
No asbestos containing materials identified at the time of inspection										
Throughout Floor Fibre cement sheeting	Refer to GHD ASB065/F June 2005	Negative	-	-	-	-	-	-	-	-
<b>Area 3</b>										
<b>Buildings 1-3 – Demountables and Carport</b>										
No asbestos containing materials identified at the time of inspection										
<b>Building 4 – House Scheduling Team</b>										
<b>External</b>										
Front Entrance Awning Fibre cement sheeting	Refer to GHD ASB026/A June 2005	Positive	4	~12m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB026/A June 2005	Assumed Positive	4	~15m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Rear Entrance Awning Fibre cement sheeting	Refer to GHD ASB026/A June 2005	Assumed Positive	-	~6m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Above Roller Door Infill Panel Fibre cement sheeting	Refer to GHD ASB026/A June 2005	Assumed Positive	5	~3m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Internal</b>										
Garage Walls Fibre cement sheeting	Refer to GHD ASB026/A June 2005	Assumed Positive	6	~96m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Garage Ceiling Fibre cement sheeting	Refer to GHD ASB026/A June 2005	Assumed Positive	6	~96m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Rear Verandah Ceiling Fibre cement sheeting	Refer to GHD ASB027/C June 2005	Negative	-	-	-	-	-	-	-	-
Rear Extension Walls Fibre cement sheeting	Refer to GHD ASB028/W June 2005	Positive	-	~100m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Toilet 2/Wash Room Walls Fibre cement sheeting	Refer to GHD ASB029/W June 2005	Negative	-	-	-	-	-	-	-	-
Toilet 1 Walls Fibre cement sheeting	Refer to GHD ASB029/W June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Kitchenette Ceiling Fibre cement sheeting	Refer to GHD ASB029/W June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Toilet 4 Walls Fibre cement sheeting	Refer to GHD ASB030/W June 2005	Negative	-	-	-	-	-	-	-	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Shower Walls Fibre cement sheeting	Refer to GHD ASB030/W June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Toilet 3 Floor Coverings Vinyl floor tiles	Refer to GHD ASB031/F June 2005	Negative	-	-	-	-	-	-	-	-
<b>Building 5 – OH&amp;S Team Office (The Bunker)</b>										
<b>External</b>										
Front Entrance Awning Fibre cement sheeting	Refer to GHD ASB023/A June 2005	Positive	7	~13m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Front Entrance Gable End Fibre cement sheeting	Refer to GHD ASB023/A June 2005	Assumed Positive	7	~8m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Western wall Surrounding Window Frame Fibre cement sheeting	Refer to GHD ASB025/W June 2005	Positive	-	~3m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
North & South Gable Verge Lining Fibre cement sheeting	-	Suspected Positive	-	~10 m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
*Not sampled due to height restrictions										
<b>Internal</b>										
Room 1 North Wall Fibre cement sheeting	Refer to GHD ASB024/W June 2005	Negative	-	-	-	-	-	-	-	-
Room 3 East Wall Fibre cement sheeting	Refer to GHD ASB024/W June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Kitchen Fire place Infill Fibre cement sheeting	Refer to GHD ASB024/W June 2005	Assumed Negative	-	-	-	-	-	-	-	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Male Toilets Ceiling Fibre cement sheeting	Refer to GHD ASB024/W June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Female Toilets Ceiling Fibre cement sheeting	Refer to GHD ASB024/W June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Male Toilets Wall Fibre cement sheeting	Refer to GHD ASB024/W June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Female Toilets Wall Fibre cement sheeting	Refer to GHD ASB024/W June 2005	Assumed Negative	-	-	-	-	-	-	-	-
File Room Walls Fibre cement sheeting	Refer to GHD ASB025/W June 2005	Assumed Positive	-	~18m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Garage Walls & Eaves Fibre cement sheeting	Refer to GHD ASB022/C June 2005	Assumed Positive	-	~96m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Building 6 – House/ Re-chlorination Team Office</b>										
<b>External</b>										
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB021/E June 2005	Positive	-	~25m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Front Entrance Awning Fibre cement sheeting	Refer to GHD ASB021/E June 2005	Assumed Positive	-	~9m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Rear Entrance Awning Fibre cement sheeting	Refer to GHD ASB021/E June 2005	Assumed Positive	-	~7m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Internal</b>										
Rear Laundry Ceiling Fibre cement sheeting	Refer to GHD ASB021/E June 2005	Assumed Positive	-	~46m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Rear Laundry Walls Fibre cement sheeting	Refer to GHD ASB021/E June 2005	Assumed Positive	-	~46m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Bathroom Walls Fibre cement sheeting	Refer to GHD ASB021/E June 2005	Assumed Positive	-	~36m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Kitchen Walls Fibre cement sheeting	Refer to GHD ASB021/E June 2005	Assumed Positive	-	~42m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Building 7 - Garage</b>										
<i>External &amp; Internal</i>										
Throughout Walls Fibre cement sheeting	Refer to GHD ASB022/W June 2005	Positive	8	~50m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Building 8 - Carport</b>										
No asbestos containing materials identified at the time of inspection										
<b>Building 9 - Concrete Tank</b>										
No asbestos containing materials identified at the time of inspection										
<b>Area 4</b>										
<b>Building 1 - Dilapidated Building</b>										
<i>External &amp; Internal</i>										
Throughout Walls Fibre cement sheeting	Refer to GHD ASB043/W June 2005	Positive	9	~200m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Throughout Ceiling Fibre cement sheeting	Refer to GHD ASB043/W June 2005	Positive	-	~200m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-



Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
<b>Building 2 – Amenity Block</b>										
<i>External &amp; Internal</i>										
Throughout Walls Fibre cement sheeting	Refer to GHD ASB042/W June 2005	Positive	10	~50m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Throughout Ceilings Fibre cement sheeting	Refer to GHD ASB042/W June 2005	Positive	-	~50m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
External Eaves Fibre cement sheeting	Refer to GHD ASB042/W June 2005	Positive	-	~50m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Perimeter Ground Surface Fibre cement fragments	Refer to GHD ASB042/W June 2005	-	-	-	-	-	-	-	-	Removed by Ross Mitchell & Associates on Wednesday 18 <sup>th</sup> March 2009 (NAA Ref 72566-2)
<b>Building 3 – Old Metal Shed</b>										
No asbestos containing materials identified at the time of inspection										
<b>Area 5</b>										
<b>Building 1 – Store</b>										
No asbestos containing materials identified at the time of inspection. (Note: Constructed in 2000)										
<b>Building 2 – Suction Well</b>										
<i>External</i>										
Entrance Awning Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	11	~22m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	11	~56m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<i>Internal</i>										
Crane Room Ceiling Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~60m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Rooms 1, 2 and 3 Ceiling Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~40m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Building 3 – Tank Building</b>										
<i>External</i>										
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~10m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<i>Internal</i>										
No asbestos containing materials identified at the time of inspection										
<b>Area 6</b>										
<b>Building 1 – Main Warehouse</b>										
<i>External</i>										
No asbestos containing materials identified at the time of inspection										
<i>Internal</i>										
Office Walls Fibre cement sheeting	Refer to GHD ASB067/W June 2005	Negative	-	-	-	-	-	-	-	-
Office Ceiling Fibre cement sheeting	Refer to GHD ASB067/F June 2005	Negative	-	-	-	-	-	-	-	-
<b>Building 2 – Office</b>										
<i>External</i>										
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB066/E June 2005	Assumed Positive	-	~20m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Toilets Walls Fibre cement sheeting	NAA 69631-12-05 Nov 2008	Negative	-	-	-	-	-	-	-	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Gable Ends Fibre cement sheeting	NAA 69631-12-07 Nov 2008	Positive	12	~20m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Attached Electrical Building Eaves Fibre cement sheeting	NAA 69631-12-08 Nov 2008	Positive	13	~20m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Internal</b>										
Throughout Ceiling Fibre cement sheeting	NAA 69631-12-06 Nov 2008	Positive	14	~6m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Conference Room Switchboard Electrical Backing Board	-	Suspected Positive	15	1 unit	Good	Non-friable	Low	Low	Nov 2009	-
*No sample taken due to live electricity										
<b>Building 3 – Office &amp; Training</b>										
<b>External</b>										
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB066/E June 2005	Assumed Positive	-	~45m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Entrance Gable ends Fibre cement sheeting	NAA 69631-12-09 Nov 2008	Positive	-	~20m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Internal</b>										
Throughout Ceiling Fibre cement sheeting	Refer to GHD ASB066/E June 2005	Assumed Positive	-	~20m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Buildings 4 &amp; 5 – Small Warehouse &amp; Small Metal Shed</b>										
No asbestos containing materials identified at the time of inspection										
<b>Building 6 - Water Quality Monitoring Station</b>										
No access at time of inspection										

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
<b>Building 7 – High Voltage Plant Room</b>										
No access at time of inspection										
<b>Building 8 – Pump House</b>										
<i>External</i>										
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB039/C June 2005	Positive	-	~80m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<i>Internal</i>										
Southern Entrance Hall Ceiling Fibre cement sheeting	Refer to GHD ASB039/C June 2005	Assumed Positive	-	~150m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Pump Hall Southern Wall Electrical backing board	Refer to GHD ASB041/ZEL June 2005	Positive	-	~1m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Office & Southern Rooms Floor Coverings Vinyl floor tiles	Refer to GHD ASB040/F June 2005	Negative	-	-	-	-	-	-	-	-
<b>Area 7</b>										
<b>Building 1 – Pressure Tunnel</b>										
<i>External</i>										
Entrance Awning Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~60m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~56m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<i>Internal</i>										
Rooms 1, 2 & 3 Ceiling Fibre Cement Sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~40m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Crane Room Ceiling Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~60m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Building 2 – Tank Building</b>										
<i>External</i>										
Eaves Fibre Cement Sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~10m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<i>Internal</i>										
No asbestos containing materials identified at the time of inspection										
<b>Area 8 – Not included in this site assessment</b>										
<b>Area 9</b>										
<b>Building 1 – Old Shed</b>										
<i>External</i>										
Awning Debris on ground Fibre cement fragments	Refer to GHD ASB037/DEB June 2005	-	-	-	-	-	-	-	-	It appears the item has been removed since previous inspection. No removal documentation or clearance certification provided to NAA at the time of inspection.
Under Awning Redundant Switchboard Electrical backing board	NAA 69631-12-11 Nov 2008	-	-	-	-	-	-	-	-	<b>Removed by Ross Mitchell &amp; Associates on Wednesday 18<sup>th</sup> March 2009. (NAA Ref 72566-2)</b>
<i>Internal</i>										
Eastern Room Partition Fibre cement sheeting	Refer to GHD ASB038/W June 2005	Positive	-	~3m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Building 3 – Re-chlorination Team Lab</b>										
<i>External</i>										
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB033/E June 2005	Positive	-	~20m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Perimeter Awning Fibre cement sheeting	Refer to GHD ASB033/E June 2005	Positive	-	~18m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
East & West Gable End Fibre cement sheeting	Refer to GHD ASB033/E June 2005	Assumed Positive	-	~8m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Northeast & Southwest Gable Verge Lining Fibre cement sheeting	NAA 69631-12-10 Nov 2008	Positive	16	~16m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Internal</b>										
Throughout Walls Fibre cement sheeting	Refer to GHD ASB033/E June 2005	Assumed Positive	-	~120m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Western Room Board behind Workshop Bench Fibre cement sheet	Refer to GHD ASB038/W June 2005	Assumed Positive	-	~3m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Throughout Ceiling Fibre cement sheeting	Refer to GHD ASB033/E June 2005	Assumed Positive	-	~45m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Building 4 – City Tunnel WT033</b>										
<b>External</b>										
Perimeter Awning Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~22m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~56m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Internal</b>										
Crane Room Ceiling Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~60m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Rooms 1,2&3 Ceiling Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~40m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Building 4A – Store</b>										
<i>External</i>										
Perimeter Walls Fibre cement sheeting	Refer to GHD ASB036/E June 2005	Assumed Positive	-	~14m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<i>Internal</i>										
No asbestos containing materials identified at the time of inspection										
<b>Building 5 – Tank Building</b>										
<i>External</i>										
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB034/C June 2005	Assumed Positive	-	~10m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<i>Internal</i>										
No asbestos containing materials identified at the time of inspection										
<b>Building 5A – Shaft Building</b>										
<i>External</i>										
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB036/E June 2005	Positive	-	~24m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<i>Internal</i>										
Distributions Board Electrical backing board	Refer to GHD ASB035/Zel June 2005	Positive	-	1 unit	Good	Non-friable	Low	Low	Nov 2009	-
<b>Buildings 6 &amp; 7– Old Sheds</b>										
<i>External &amp; Internal</i>										
No asbestos containing materials identified at the time of inspection										

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
<b>Building 8 – Old Metal Shed</b>										
Roof Corrugated fibre cement sheeting *Not sampled due to height restrictions	-	-	-	-	-	-	-	-	-	The asbestos materials have been removed and building demolished in late 2008. No removal documentation or clearance certification provided to NAA at the time of inspection.
Downpipe Moulded fibre cement	Refer to GHD ASB020/DP June 2005	-	-	-	-	-	-	-	-	The asbestos materials have been removed and building demolished in late 2008. No removal documentation or clearance certification provided to NAA at the time of inspection.
Gutters Moulded fibre cement	Refer to GHD ASB020/DP June 2005	-	-	-	-	-	-	-	-	The asbestos materials have been removed and building demolished in late 2008. No removal documentation or clearance certification provided to NAA at the time of inspection.
<b>Area 10</b>										
<b>Building 1 – Old Metal Shed</b>										
No asbestos containing materials identified at the time of inspection										
<b>Building 1A – Old Site Shed</b>										
No asbestos containing materials identified at the time of inspection										
<b>Building 2 – Old Metal Shed</b>										
<b>External</b>										
No asbestos containing materials identified at the time of inspection										
<b>Internal</b>										
South Wall Distributions Board Electrical backing board	Refer to GHD ASB044/ZEL June 2005	Positive	-	5 units	Good	Non-friable	Low	Low	Nov 2009	Undergoing removal during re-inspection. A Clearance Certificate should be obtained to verify works.
<b>Building 3 – Old Metal Shed</b>										
No asbestos containing materials identified at the time of inspection										



Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
<b>Buildings 4-11 – Workshops</b>										
<i>Restricted Access Due to Removal Works</i>										
Throughout Ceilings Fibre cement sheeting	Refer to GHD ASB049/C June 2005	Negative	-	-	-	-	-	-	-	-
<b>Building 9 – Flammables Store</b>										
<i>External</i>										
Perimeter Walls Moulded fibre cement sheeting	Refer to GHD ASB045/W June 2005	Positive	-	~70m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	Undergoing removal during re-inspection. A Clearance Certificate should be obtained to verify works.
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB048/E June 2005	Positive	-	~15m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	Undergoing removal during re-inspection. A Clearance Certificate should be obtained to verify works.
Perimeter Facia Moulded fibre cement sheeting	Refer to GHD ASB047/C June 2005	Positive	-	~10m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	Undergoing removal during re-inspection. A Clearance Certificate should be obtained to verify works.
<i>Internal</i>										
Throughout Rubbish Bags Fibre cement debris	Refer to GHD ASB046/DEB June 2005	Positive	-	~300kg	Fair	Non-friable	Med	Med	Nov 2009	Undergoing removal during re-inspection. A Clearance Certificate should be obtained to verify works.
<b>Area 11</b>										
<b>Building 1 – Metal Shed</b>										
No asbestos containing materials identified at the time of inspection										
<b>Buildings 2, 3A, 3B &amp; 12 – Metal Shed</b>										
Buildings removed from site										
<b>Buildings 4, 4A, 4B, 4C, 5, 7, 8 &amp; 9 Office De-Mountable</b>										
No asbestos containing materials identified at the time of inspection										

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
<b>Building 6 – Amenity Block</b>										
<b>External</b>										
Western Side Awning Fibre cement sheeting	Refer to GHD ASB013/C June 2005	Negative	-	-	-	-	-	-	-	-
Western Side Eaves Fibre cement sheeting	Refer to GHD ASB012/C June 2005	Positive	-	~2m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	Undergoing removal during re-inspection. A Clearance Certificate should be obtained to verify works.
Eastern Side Eaves Fibre cement sheeting	Refer to GHD ASB013/C June 2005	Assumed Negative	-	-	-	-	-	-	-	-
<b>Internal</b>										
Laundry Walls & Ceiling Fibre cement sheeting	Refer to GHD ASB014/W June 2005	Negative	-	-	-	-	-	-	-	-
Hot Water Cupboard Upper Walls Fibre cement sheeting	Refer to GHD ASB015/W June 2005	Positive	-	~12m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	Undergoing removal during re-inspection. A Clearance Certificate should be obtained to verify works.
Hot Water Cupboard Pipe Work Pipe lagging	Refer to GHD ASB016/I June 2005	Negative	-	-	-	-	-	-	-	-
Locker Room Wall Fibre cement sheeting	Refer to GHD ASB014/W June 2005	Assumed Negative	-	-	-	-	-	-	-	-
Hot Water Cupboard Ceiling Fibre cement sheeting	Refer to GHD ASB014/W June 2005	Assumed Positive	-	~12m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	Undergoing removal during re-inspection. A Clearance Certificate should be obtained to verify works.
Northern End Ceiling Fibre cement sheeting	Refer to GHD ASB017/C June 2005	Positive	-	~90m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	Undergoing removal during re-inspection. A Clearance Certificate should be obtained to verify works.
Kitchen Walls Fibre cement sheeting	Refer to GHD ASB018/W June 2005	Negative	-	-	-	-	-	-	-	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
<b>Building 7</b>										
No Access due to site restrictions.										
<b>Building 14 – Metal Storage Shed</b>										
<i>External</i>										
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB019/E June 2005	Positive	-	~10m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	Undergoing removal during re-inspection. A Clearance Certificate should be obtained to verify works.
<i>Internal</i>										
No asbestos containing materials identified at the time of inspection										
<b>Area 12</b>										
<b>Building 1 – Main Store</b>										
<i>External</i>										
Perimeter Eaves Fibre cement sheeting	Refer to GHD ASB002/E June 2005	Positive	-	~4m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<i>Internal</i>										
No asbestos containing materials identified at the time of inspection										
<b>Building 2 – Main Administration</b>										
<i>External</i>										
Plant Room Stairway Fibre cement sheeting	Refer to GHD ASB007/W June 2005	Positive	-	~60m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Roof, Plant Room Floor coverings Bituminous Membrane	Refer to GHD ASB008/F June 2005	Positive	-	~150m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Eastern & Western Eaves Fibre cement sheeting	Refer to GHD ASB002/E June 2005	Positive	-	~100m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
Eastern & Western Awning Fibre cement sheeting	Refer to GHD ASB002/E June 2005	Assumed Positive	-	~24m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Internal</b>										
East Wing Store Floor Coverings Vinyl floor tiles	Refer to GHD ASB005/F June 2005	Negative	-	-	-	-	-	-	-	-
East Wing Male Toilet Floor coverings Vinyl floor tiles	Refer to GHD ASB005/F June 2005	Assumed Negative	-	-	-	-	-	-	-	-
East Wing Female Toilet Floor coverings Vinyl floor tiles	Refer to GHD ASB005/F June 2005	Assumed Negative	-	-	-	-	-	-	-	-
East Wing Switch Room Floor coverings Vinyl floor tiles	Refer to GHD ASB005/F June 2005	Assumed Negative	-	-	-	-	-	-	-	-
<b>Building 3 – Main Administration</b>										
<b>External</b>										
Plant Room Stairway Fibre cement sheeting	Refer to GHD ASB007/W June 2005	Positive	-	~60m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Roof, Plant Room Floor Coverings Bituminous Membrane	Refer to GHD ASB008/F June 2005	Positive	-	~150m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Eastern & Western Eaves Fibre cement sheeting	Refer to GHD ASB002/E June 2005	Assumed Positive	-	~100m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
Eastern & Western Awning Fibre cement sheeting	Refer to GHD ASB002/E June 2005	Assumed Positive	-	~24m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-

Location Item Description Comments	Sample No.	Sample Status	Photo No.	Extent	Condition	Friability	Disturb. Potential	Risk Status	Re-inspect Date	Comments (Status Change)
<b>Internal</b>										
Throughout Ceilings Synthetic mineral fibre tiles	Refer to GHD ASB004/C June 2005	Negative	-	-	-	-	-	-	-	-
Basement Office Store Room Floor Coverings Vinyl floor tiles	Refer to GHD ASB001/F June 2005	Negative	-	-	-	-	-	-	-	-
<b>Building 5 - Cafeteria</b>										
<b>External</b>										
Eastern & Western Awning Fibre cement sheeting	Refer to GHD ASB002/E June 2005	Assumed Positive	-	~90m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Internal</b>										
Southern Walkway Infill to high level roof Fibre cement sheeting	Refer to GHD ASB09/W June 2005	Negative	-	-	-	-	-	-	-	-
<b>Guard House</b>										
Wall Fibre cement sheeting	Refer to GHD ASB003/W June 2005	Positive	-	~4m <sup>2</sup>	Good	Non-friable	Low	Low	Nov 2009	-
<b>Area 13 - Not included in this site assessment</b>										

# **Asbestos Materials Re-Inspection Report**

**Sydney Water Corporation**

**Sydney Water Accommodation Site, Brunker Road, Potts Hill NSW**

**Appendix B: Asbestos Sample Analysis Report**

Thur 20/11/2008

Our ref: SS0081:69631-12

Lance Chapman  
Sydney Water Corporation  
Level 5, Old Building, Balmain Street  
**SYDNEY NSW 2000**

Dear Lance,

**Re: Asbestos Identification Analysis - Brunner Road, Potts Hill NSW**

This letter presents the results of asbestos fibre identification analysis performed on 11 samples collected by Lee Brown of Noel Arnold & Associates Pty Ltd on Monday, 17th November 2008. The samples were collected from Brunner Road, Potts Hill NSW.

All sample analysis was performed using polarised light microscopy, including dispersion staining in our Sydney Laboratory in accordance with Noel Arnold and Associates Pty Ltd Test Method NALAB 302 "Asbestos Identification Analysis" and following the guidelines of Australian Standard AS4964-2004.

The samples will be kept for six months and then disposed of, unless otherwise directed.

The results of the asbestos identification analysis are presented in the appended table.

Should you require further information please contact Lee Brown.

Yours sincerely

**NOEL ARNOLD & ASSOCIATES PTY LTD**



**Lulu Guo: Approved Identifier**



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**Lulu Guo: Approved Signatory**

Site Location:		Brunker Road, Potts Hill NSW	
	Sample ID	Sample Location/Description/Weight or Size	Analysis Result
1	69631-12 01	Area 1, Main Office (5), Kitchen, Floor Coverings - Vinyl tiles Aqua brittle vinyl material and associated amber adhesive material ~70 x 30 x 3 mm	No Asbestos Detected
2	69631-12 02	Area 1, Main Office (5), Kitchen, Under Sink - Bituminous membrane Black-brown flexible bituminous sheet material ~64 x 32 x 1 mm	No Asbestos Detected
3	69631-12 03	Area 1, Main Office (5), Toilets, Cubicle Partitions - Fibre cement sheeting Blue-painted beige compressed fibre-cement sheet material ~18 x 5 x 1 mm	No Asbestos Detected
4	69631-12 04	Area 1, Admin Building (4), Entrance, Floor Coverings - Vinyl tiles Red brittle vinyl material and associated amber adhesive material ~65 x 22 x 3 mm	No Asbestos Detected
5	69631-12 05	Area 6, Office Building (2), Toilets, Walls - Fibre cement sheeting Aqua-painted beige fibre-cement sheet material ~55 x 22 x 2 mm	No Asbestos Detected
6	69631-12 06	Area 6, Office Building (2), Throughout, Ceiling - Fibre cement sheeting white-painted grey fibre-cement sheet material ~11 x 6 x 1 mm	<b>Chrysotile (white asbestos)</b> <b>Amosite (brown asbestos)</b> <b>Crocidolite (blue asbestos)</b>
7	69631-12 07	Area 6, Office Building (2), External, Gable Ends - Fibre cement sheeting White-painted white-grey fibre-cement sheet material ~10 x 7 x 3 mm	<b>Chrysotile (white asbestos)</b> <b>Amosite (brown asbestos)</b>
8	69631-12 08	Area 6, Office Building (2), External, Eaves - Fibre cement sheeting Beige-painted beige fibre-cement sheet material ~8 x 7 x <1 mm	<b>Chrysotile (white asbestos)</b>
9	69631-12 09	Area 6, Office/Training (3), External, Gable Ends - Fibre cement sheeting Beige-painted beige fibre-cement sheet material ~28 x 15 x 4 mm	<b>Chrysotile (white asbestos)</b> <b>Amosite (brown asbestos)</b>
10	69631-12 10	Area 9, Re-chlorination Team Lab (3), External, Gable Verge Lining - Fibre cement sheeting Unpainted beige fibre-cement sheet material ~17 x 10 x 2 mm	<b>Chrysotile (white asbestos)</b>
11	69631-12 11	Area 9, Old Shed (1), External, Redundant Electrical Board - Electrical backing board Black-brown compressed bituminous, fibrous board material ~15 x 9 x <1 mm	<b>Chrysotile (white asbestos)</b>

\* Shaded row with bolded text indicates a positive result for asbestos.



## **Asbestos Materials Re-Inspection Report**

**Sydney Water Corporation**

**Sydney Water Accommodation Site, Brunker Road, Potts Hill NSW**

**Appendix C: Asbestos Sample Analysis Report (GHD/SGS 2005)**

6 June 2005

## TEST REPORT

**GHD (Sydney) Pty Ltd**

57-63 Herbert Street

ARTARMON

NSW 2064

Your Reference: 211/13801, Sydney Water

Report Number: 37717

**Attention:** James Vesper

Dear James

The following samples were received from you on the date indicated.

Samples:	Qty.	66 Material Samples, 32 Paint Samples
Date of Receipt of Samples:		26/05/05
Date of Receipt of Instructions:		26/05/05
Date Preliminary Report Faxed:		Not Issued

These samples were analysed in accordance with your written instructions.

A copy of the instructions is attached with the analytical report.

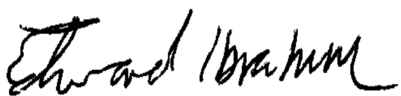
The results and associated quality control are contained in the following pages of this report.

Unless otherwise stated, solid samples are expressed on a dry weight basis (moisture has been supplied for your information only), air and liquid samples as received.

Should you have any queries regarding this report please contact the undersigned.

Yours faithfully

SGS ENVIRONMENTAL SERVICES



Edward Ibrahim

Approved Signatory

Lead in Paint *						
Our Reference:	UNITS	37717-67	37717-68	37717-69	37717-70	37717-71
Your Reference	-----	PNT 001	PNT 002	PNT 003	PNT 004	PNT 005
Sample Type	-----	Paint	Paint	Paint	Paint	Paint
Lead in paint*	%	0.18	0.19	0.46	0.60	0.28

Lead in Paint *						
Our Reference:	UNITS	37717-72	37717-73	37717-74	37717-75	37717-76
Your Reference	-----	PNT 006	PNT 007	PNT 008	PNT 009	PNT 010
Sample Type	-----	Paint	Paint	Paint	Paint	Paint
Lead in paint*	%	0.27	17	1.7	0.28	1.0

Lead in Paint *						
Our Reference:	UNITS	37717-77	37717-78	37717-79	37717-80	37717-81
Your Reference	-----	PNT 011	PNT 012	PNT 013	PNT 014	PNT 015
Sample Type	-----	Paint	Paint	Paint	Paint	Paint
Lead in paint*	%	0.51	11	2.7	10	0.26

Lead in Paint *						
Our Reference:	UNITS	37717-82	37717-83	37717-84	37717-85	37717-86
Your Reference	-----	PNT 016	PNT 017	PNT 018	PNT 019	PNT 020
Sample Type	-----	Paint	Paint	Paint	Paint	Paint
Lead in paint*	%	0.48	6.51	0.11	0.042	0.26

Lead in Paint *						
Our Reference:	UNITS	37717-87	37717-88	37717-89	37717-90	37717-91
Your Reference	-----	PNT 021	PNT 022	PNT 025	PNT 026	PNT 027
Sample Type	-----	Paint	Paint	Paint	Paint	Paint
Lead in paint*	%	5.0	0.088	0.48	0.27	0.0026

Lead in Paint *						
Our Reference:	UNITS	37717-92	37717-93	37717-94	37717-95	37717-96
Your Reference	-----	PNT 028	PNT 029	PNT 030	PNT 031	PNT 032
Sample Type	-----	Paint	Paint	Paint	Paint	Paint
Lead in paint*	%	2.2	0.049	7.4	0.53	0.015

Lead in Paint *			
Our Reference:	UNITS	37717-97	37717-98
Your Reference	-----	PNT 033	PNT 034
Sample Type	-----	Paint	Paint
Lead in paint*	%	7.7	0.26

Asbestos Our Reference: Your Reference Sample Type	UNITS ----- -----	37717-1 ASB 001/F Material	37717-2 ASB 002/E Material	37717-3 ASB 003/W Material	37717-4 ASB 004/C Material	37717-5 ASB 005/F Material
Sample Description		40x20x3mm tile	10x10x2mm fibre cement sheet	15x5x1mm fibre cement sheet	10x10x0. 2mm fibre cement sheet	50x10x5mm tile
Asbestos ID in materials		No asbestos detected	Chrysotile asbestos detected	Chrysotile asbestos detected	No asbestos detected	No asbestos detected

Asbestos Our Reference: Your Reference Sample Type	UNITS ----- -----	37717-6 ASB 006/G Material	37717-7 ASB 007/W Material	37717-8 ASB 008/F Material	37717-9 ASB 009/W Material	37717-10 ASB 010/W Material
Sample Description		20x5x5mm insulation	15x10x2mm fibre cement sheet	20x15x1mm insulation	10x2x1mm fibre cement sheet	20x10x1mm fibre cement sheet
Asbestos ID in materials		Chrysotile asbestos detected	Chrysotile asbestos detected	Chrysotile asbestos detected	No asbestos detected	Chrysotile asbestos detected

Asbestos Our Reference: Your Reference Sample Type	UNITS ----- -----	37717-11 ASB 011/C Material	37717-12 ASB 012/C Material	37717-13 ASB 013/C Material	37717-14 ASB 014/W Material	37717-15 ASB 015/W Material
Sample Description		5x2x1mm fibre cement sheet	10x5x1mm fibre cement dust	5x5x1mm fibre cement dust	4x2x1mm fibre cement dust	20x10x1mm fibre cement sheet
Asbestos ID in materials		No asbestos detected	Chrysotile asbestos detected	No asbestos detected	No asbestos detected	Chrysotile asbestos detected Amosite asbestos detected

Asbestos Our Reference: Your Reference  Sample Type	UNITS ----- -----	37717-16 ASB 016/I  Material	37717-17 ASB 017/C  Material	37717-18 ASB 018/W  Material	37717-19 ASB 019/E  Material	37717-20 ASB 020/ DP Material
Sample Description		15x10x1mm insulation	2x2x1mm fibre cement dust	10x2x2mm fibre cement sheet	2x1x1mm fibre cement sheet	20x10x1mm fibre cement sheet
Asbestos ID in materials		No asbestos detected	Chrysotile asbestos detected	No asbestos detected	Chrysotile asbestos detected	Chrysotile asbestos detected

Asbestos Our Reference: Your Reference Sample Type	UNITS ----- -----	37717-21 ASB 021/E Material	37717-22 ASB 022/W Material	37717-23 ASB 023/A Material	37717-24 ASB 024/W Material	37717-25 ASB 025/W Material
Sample Description		5x5x0.5mm fibre cement sheet	40x15x5mm fibre cement tile	2x2x1mm fibre cement dust	15x10x3mm wall	2x1x1mm fibre cement dust
Asbestos ID in materials		Chrysotile asbestos detected	Chrysotile asbestos detected Amosite asbestos detected Crocidolite asbestos detected	Chrysotile asbestos detected	No asbestos detected	Chrysotile asbestos detected

Asbestos Our Reference: Your Reference Sample Type	UNITS ----- -----	37717-26 ASB 026/A Material	37717-27 ASB 027/C Material	37717-28 ASB 028/W Material	37717-29 ASB 029/W Material	37717-30 ASB 030/W Material
Sample Description		2x2x2mm fibre cement dust	2x2x2mm fibre cement dust	40x10x3mm insulation	2x2x2mm fibre cement dust	2x2x2mm fibre cement dust
Asbestos ID in materials		Chrysotile asbestos detected Amosite asbestos detected	No asbestos detected	Chrysotile asbestos detected	No asbestos detected	No asbestos detected

Asbestos Our Reference: Your Reference  Sample Type	UNITS ----- -----	37717-31 ASB 031/F  Material	37717-32 ASB 032/ ZEL  Material	37717-33 ASB 033/E  Material	37717-34 ASB 034/C  Material	37717-35 ASB 035/ ZEL  Material
Sample Description		40x24x1mm vinyl tile	15x5x5mm tile	2x2x2mm fibre cement dsut	10x2x2mm fibre cement dust	10x15x2mm cement sheeting
Asbestos ID in materials		No asbestos detected	No asbestos detected	Chrysotile asbestos detected	Chrysotile asbestos detected	Chrysotile asbestos detected

Asbestos Our Reference: Your Reference  Sample Type	UNITS ----- -----	37717-36 ASB 036/E  Material	37717-37 ASB 037/ DEB  Material	37717-38 ASB 038/W  Material	37717-39 ASB 039/C  Material	37717-40 ASB 040/F  Material
Sample Description		2x2x2mm fibre cement dust	20x15x5mm fibre cement sheet	2x1x1mm fibre cement dust	2x2x2mm fibre cement dust	40x15x3mm tile
Asbestos ID in materials		Chrysotile asbestos detected	Chrysotile asbestos detected	Chrysotile asbestos detected Amosite asbestos detected Crocidolite asbestos detected	Chrysotile asbestos detected Crocidolite asbestos detected	No asbestos detected

Asbestos Our Reference: Your Reference  Sample Type	UNITS ----- -----	37717-41 ASB 041/ ZEL  Material	37717-42 ASB 042/W  Material	37717-43 ASB 043/W  Material	37717-44 ASB 044/ ZEL  Material	37717-45 ASB 045/W  Material
Sample Description		2x1x1mm Black dust pieces	45x45x5mm fibre cement tile	15x30x5mm fibre cement tile	6x5x5mm wall piece	10x10x1mm fibre cement sheet
Asbestos ID in materials		Chrysotile asbestos detected	Chrysotile asbestos detected Amosite asbestos detected	Chrysotile asbestos detected	Chrysotile asbestos detected	Chrysotile asbestos detected Crocidolite asbestos detected

Asbestos Our Reference: Your Reference  Sample Type	UNITS ----- -----	37717-46 ASB 046/ DEB Material	37717-47 ASB 047/ FL Material	37717-48 ASB 048/E Material	37717-49 ASB 049/C Material	37717-50 ASB 050/W Material
Sample Description		35x20x5mm fibre cement sheet	50x10x2mm fibre cement sheet	2x2x1mm fibre cement dust	40x10x5mm fibre cement tile	20x10x5mm fibre cement sheet
Asbestos ID in materials		Chrysotile asbestos detected Amosite asbestos detected	Chrysotile asbestos detected Crocidolite asbestos detected	Chrysotile asbestos detected Crocidolite asbestos detected	No asbestos detected	Chrysotile asbestos detected Amosite asbestos detected

Asbestos Our Reference: Your Reference  Sample Type	UNITS ----- -----	37717-51 ASB 051/ ZEL Material	37717-52 ASB 052/W Material	37717-53 ASB 053/ ZEL Material	37717-54 ASB 055/W Material	37717-55 ASB 056/E Material
Sample Description		5x1x1mm black dust	50x40x5,, fibre cement tile	20x10x2mm cement sheeting black	50x30x5mm wall	10x5x1mm fibre cement sheet
Asbestos ID in materials		Chrysotile asbestos detected	Chrysotile asbestos detected Amosite asbestos detected	Chrysotile asbestos detected	No asbestos detected	No asbestos detected

Asbestos Our Reference: Your Reference Sample Type	UNITS ----- -----	37717-56 ASB 057/F Material	37717-57 ASB 058/F Material	37717-58 ASB 059/W Material	37717-59 ASB 060/W Material	37717-60 ASB 061/W Material
Sample Description		20x10x4mm tile	10x6x3mm wall	1x1x1mm fibre cement dust	2x1x1mm fibre cement sheet	5x5x1mm fibre cement dust
Asbestos ID in materials		No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos Our Reference: Your Reference Sample Type	UNITS ----- -----	37717-61 ASB 062/W Material	37717-62 ASB 063/E Material	37717-63 ASB 064/F Material	37717-64 ASB 065/F Material	37717-65 ASB 066/E Material
Sample Description		2x1x1mm fibre cement dust	10x5x1mm fibre cement sheet	50x15x3mm vinyl tile	40x10x2mm fibre cement sheet	5x2x1mm fibre cement sheet
Asbestos ID in materials		No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	Chrysotile asbestos detected Amosite asbestos detected

Asbestos Our Reference: Your Reference Sample Type	UNITS ----- -----	37717-66 ASB 067/F Material
Sample Description		10x5x1mm fibre cement dust
Asbestos ID in materials		No asbestos detected



Method ID	Methodology Summary
<b>SEP-033</b>	Digestion of paint chips using aqua regia.
<b>SASB-002</b>	Qualitative identification of asbestos type fibres in bulk using Polarised Light Microscopy and Dispersion Staining Techniques. Accreditation does not cover the identification of Synthetic Mineral Fibre.

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Lead in Paint *								
Lead in paint*	%	0.0002	SEP-033	<0. 00020	[NT]	[NT]	Sand	88    [N/T]

**Result Codes**

[INS] : Insufficient Sample for this test  
[NR] : Not Requested  
[NT] : Not tested

[HBG] : Results not Reported due to High Background Interference  
\* : Not part of NATA Accreditation  
[N/A] : Not Applicable

**Result Comments**

Asbestos analysed by SGS Perth Report No. 89328.

ASBESTOS NB. Even after disintegration of certain bulk samples (vinyl tiles and bituminous type materials), the detection, of fibres may be difficult when using Polarised Light Microscopy and Dispersion Staining Techniques. This may be due to the matrix of the sample (uneven distribution), or fine fibres that are difficult to detect and positively identify.

Date Organics extraction commenced: N/A

Note: Test results are not corrected for recovery (excluding Dioxins/Furans\* and PAH in XAD and PUF).

**Quality Control Protocol**

**Reagent Blank:** Sample free reagents carried through the preparation/extraction/digestion procedure and analysed at the beginning of every sample batch analysis. For larger projects, a reagent blank is prepared and analysed with every 20 samples.

**Duplicate:** A separate portion of a sample being analysed which is treated the same as the other samples in the batch. A duplicate is prepared at least every 20 samples.

**Matrix Spike Duplicates:** Sample replicates spiked with identical concentrations of target analyte(s). The spiking occurs during the sample preparation and prior to the extraction/digestion procedure. They are used to document the precision and bias of a method in a given sample matrix. Where there is not enough sample available to prepare a spiked sample, another known soil/sand or water (or Milli-Q water) may be used. A duplicate spiked sample is prepared at least every 20 samples.

**Surrogate Spike:** Added to all samples requiring analysis for organics (where relevant) prior to extraction. Used to determine the extraction efficiency. They are organic compounds which are similar to the target analyte(s) in chemical composition and behaviour in the analytical process, but which are not normally found in environmental samples.

**Internal Standard:** Added to all samples requiring analysis for organics (where relevant) after the extraction process; the compounds serve to give a standard of retention time and response, which is invariant from run-to-run with the instruments.

**Control Standards:** Prepared from a source independent of the calibration standards. At least one control standard is included in each run to confirm calibration validity.

**Additional QC Samples:** A calibration standard and blank are run after every 20 samples of an instrumental analysis run to assess analytical drift.

**Statistical Analysis of QC Data:** Quality control data is plotted on control charts using the APHA procedure with warning and control limits at 2 and 3 standard deviations respectively.

**Statistical Analysis of QC Data:** Quality control data is plotted on control charts using the APHA procedure with warning and control limits at 2 and 3 standard deviations respectively.

# **Asbestos Materials Re-Inspection Report**

**Sydney Water Corporation**

**Sydney Water Accommodation Site, Brunker Road, Potts Hill NSW**

**Appendix D: Risk Assessment Factors**

## Asbestos Risk Assessment Factors

To assess the health risk posed by the presence of asbestos-containing material, all relevant factors must be considered. These factors include:

- ☐ Evidence of physical damage;
- ☐ Evidence of water damage;
- ☐ Proximity of air plenums and direct air stream;
- ☐ Friability of asbestos material;
- ☐ Requirement for access for building operations;
- ☐ Requirement for access for maintenance operations;
- ☐ Likelihood of disturbance of the asbestos material;
- ☐ Accessibility;
- ☐ Exposed surface areas; &
- ☐ Environmental conditions.

These aspects are in turn judged upon; (i) potential for fibre generation, and, (ii) the potential for exposure.

### Condition

The condition of the asbestos products identified during the survey is usually reported as either being good or poor.

- ☐ *Good* refers to asbestos materials, which have not been damaged or have not deteriorated.
- ☐ *Fair* refers to the asbestos material having suffered minor cracking or de-surfacing.
- ☐ *Poor* describes asbestos materials that have been damaged or their condition has deteriorated over time.

### Friability

The friability of asbestos products describes the ease of which the material can be crumbled, and hence to release fibres.

- ☐ *Friable asbestos* (eg limpet beam insulation, pipe lagging) can be easily crumbled and is more hazardous than non-friable asbestos products.
- ☐ *Non-friable asbestos*, commonly known as bonded asbestos, is typically comprised of asbestos fibres tightly bound in a stable non-asbestos matrix.

Examples of non-friable asbestos products include asbestos cement materials (sheeting, pipes etc), asbestos containing vinyl floor tiles and electrical backing boards.

### Accessibility/Disturbance Potential

Asbestos products can be classified as having low, medium or high accessibility/disturbance potential.

- ☐ *Low* accessibility describes asbestos products that cannot be easily disturbed, such as materials in building voids, set ceilings etc.
- ☐ *Medium* accessibility describes asbestos products that are visible but normal access is impeded, such as materials behind cladding material or are present in a ceiling space or are height restricted.
- ☐ *High* accessibility asbestos products can be easily accessed or damaged due to their close proximity to personnel, eg asbestos cement walls or down pipes.

## Risk Status

The risk factors described above are used to rank the health risk posed by the presence of asbestos-containing materials.

- ☐ A *low* risk ranking describes asbestos materials that pose a low health risk to personnel, employees and the general public providing they stay in a stable condition, for example asbestos materials that are in good condition and have low accessibility.
- ☐ A *medium* risk ranking applies to materials that pose an increased risk to people in the area.
- ☐ Asbestos materials that possess a *high* risk ranking pose a high health risk to personnel or the public in the area of the material.

# **Asbestos Materials Re-Inspection Report**

**Sydney Water Corporation**

**Sydney Water Accommodation Site, Brunner Road, Potts Hill NSW**

**Appendix E: Photographs**

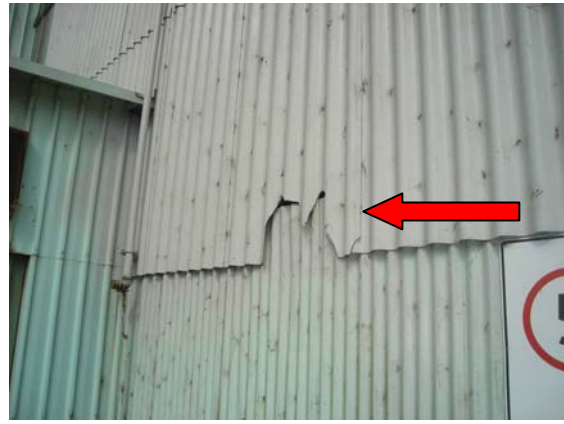
## **Legend**



**Asbestos Containing Materials**



**Photo 1.** Area 1: Building 3, Critical Inventory Store, External Roof – Asbestos containing corrugated fibre cement sheeting



**Photo 2.** Area 1: Building 3, Critical Inventory Store, External Walls - Asbestos containing corrugated fibre cement sheeting



**Photo 3.** Area 1: Building 4, Administration, External, Northern Wall, Switch Board – Suspected asbestos containing electrical backing board



**Photo 4.** Area 3: Building 4, Scheduling Team Office, External, Awning & Eaves – Asbestos containing fibre cement sheeting



**Photo 5.** Area 3: Building 4, Scheduling Team Office, External, Above Roller Door, Infill Panel – Asbestos containing fibre cement sheeting



**Photo 6.** Area 3: Building 4, Scheduling Team Internal, Garage, Ceiling & Walls – Asbestos containing fibre cement sheeting





**Photo 7.** Area 3: Building 5, OH&S Team Office, External, Awning & Gable Ends – Asbestos containing fibre cement sheeting



**Photo 8.** Area 3: Building 7, Garage, External Walls – Asbestos containing fibre cement sheeting



**Photo 9.** Area 4: Building 1, Dilapidated, External Walls – Asbestos containing fibre cement sheeting



**Photo 10.** Area 4: Building 2, Amenities Block, External Walls – Asbestos containing fibre cement sheeting



**Photo 11.** Area 5: Building 2, Suction Well, External, Awning & Eaves – Asbestos containing fibre cement sheeting



**Photo 12.** Area 6: Building 2, Offices, Gable Ends – Asbestos containing fibre cement sheeting



**Photo 13. Area 6:** Building 2, Offices, Attached Electrical Building, Eaves – Asbestos containing fibre cement sheeting



**Photo 14. Area 6:** Building 2, Offices, Toilet, Ceilings – Asbestos containing fibre cement sheeting



**Photo 15. Area 6:** Building 2, Offices, Conference Room – Suspected asbestos containing electrical backing board



**Photo 16. Area 9:** Building 3, Re-chlorination Team Lab, Gable verge lining – Asbestos containing fibre cement sheeting

## **Asbestos Materials Re-Inspection Report**

**Sydney Water Corporation**

**Sydney Water Accommodation Site, Brunker Road, Potts Hill NSW**

**Appendix F: General Asbestos Materials Information**

## Management of Asbestos Hazards

The health effects associated with asbestos exposure are due to the inhalation of airborne respirable asbestos fibres. In general, the asbestos fibres cannot be released to become airborne in significant quantities unless the asbestos-containing material is severely disrupted such as in the case of cutting asbestos cement products with power saws etc.

A range of control measures are available for the abatement of asbestos hazards. The selection of the appropriate control measure is based on the assessment risk for each specific location. These measures include:

- ❑ **Leave and maintain** in existing condition.
- ❑ **Repair and maintain** in good condition.
- ❑ **Enclose** asbestos or synthetic mineral fibre material by providing a barrier such as a box enclosure or steel cladding.
- ❑ **Remove** by approved methods under controlled conditions.
- ❑ **Labelling** of asbestos materials that are to remain in situ should be undertaken where practical to ensure that the asbestos materials are not damaged inadvertently by maintenance contractors etc.

## Information on Common Asbestos Materials

Asbestos-containing materials can be classified into the following main categories:-

- ❑ Sprayed or trowelled asbestos materials applied to ceilings, walls and other surfaces for fire-rating purposes. This material is commonly referred to as limpet asbestos.
- ❑ Asbestos-containing insulation on pipes, boilers, tanks, ducts etc. which is often referred to as asbestos lagging.
- ❑ Asbestos cement products, cementitious or concrete like products.
- ❑ Asbestos paper products, millboard in electrical switchboards or underlaying lining for linoleum or vinyl floor coverings.
- ❑ Asbestos textiles, braided asbestos, rope, tape, gaskets etc (note that rope and millboard are potentially friable).
- ❑ Vinyl tiles, linoleum and vinyl flooring mastic and associated adhesives.
- ❑ Asbestos-containing compounds, gaskets and mastic from mechanical fittings, and roofing membranes.
- ❑ Electrical switchboards containing compressed asbestos tar electrical boards, asbestos cement sheeting, asbestos rope to spark arresters and asbestos millboard from inside auxiliary switchboxes/fuse boards.
- ❑ Roofing sealants, bituminous membranes, tar composites and similar materials were occasionally mixed with asbestos materials.
- ❑ Some office furnishings such as wall partitions may contain an asbestos cement internal lining inside plaster or "Stramit" type panelling. Certain types of older vinyl covered desktops and workbenches may contain an underlying asbestos millboard lining.

## Asbestos Cement Sheeting Materials

Asbestos cement products and asbestos gaskets generally do not present a significant health risk unless they are cut, sanded or otherwise disturbed so as to release asbestos dust. Fibre release due to occasional damage is negligible and thus not a significant health risk. Care must be taken therefore in the removal of asbestos cement products to avoid the release of airborne fibres. Unless analysis of fibro-cement products indicates otherwise, these materials should be considered as containing asbestos.

External asbestos cement claddings become weathered after many years by the gradual loss of cement from the exposed surface. This leaves loosely bound layers enriched with

asbestos fibres. In other words, the material becomes more friable through the weathering process.

## **Sprayed Asbestos Materials**

Sprayed asbestos or limpet asbestos is most often found on structural steel members to provide a fire-rating. Limpet asbestos is a friable material. Friable materials are those which can easily be crumbled, pulverised or reduced to powder by hand pressure. Limpet asbestos tends to be the most friable of all asbestos-containing materials and can contain relatively high percentage of asbestos (30% - 90%).

Limpet asbestos can slowly release fibres as the materials age i.e. as its friability increases. Direct mechanical damage or excessive machinery vibration can lead to more significant release of airborne asbestos fibres.

## **Asbestos Containing Lagging Materials**

Insulation such as lagging usually contains a smaller percentage of asbestos (usually 20% - 50%). Protective jackets on the insulation materials (such as metal jacketing or calico on pipe lagging) prevent asbestos fibre release. Physical damage to the protective jacket however, may lead to the release of respirable fibres. The binding material in the insulation can deteriorate with age rendering it more friable.

## **Asbestos Containing Vinyl Products**

Vinyl tiles and linoleum flooring manufactured before 1984 may contain asbestos in various quantities in a well-bound cohesive matrix. Asbestos containing vinyl floor and wall coverings generally do not present a significant health risk unless they are sanded or otherwise mechanically abraded so as to release asbestos dust. Fibre release due to occasional damage is negligible and thus not a significant health risk. Care must be taken therefore, in the removal of asbestos containing vinyl tiles to avoid the release of airborne fibres. Unless analysis of vinyl tiles and linoleum flooring indicates otherwise, these materials should be considered as containing asbestos. Older bituminous adhesives may also contain asbestos and must be removed as an asbestos process in circumstance where the floor is to be renewed and re-levelled by floor sanding or grinding.

## **Asbestos Containing Gaskets**

Gaskets and sealing compounds in equipment, duct work and re-heat air conditioning boxes may contain asbestos. These should be replaced with non-asbestos equivalents during routine maintenance. In addition, asbestos containing mastic and seals in air handling duct work joints. These usually do not pose a hazard as the asbestos fibres are firmly held within the plastic resinous compound and should be replaced as part of routine maintenance or removed during the demolition of the plant equipment.

## **Asbestos Insulation to Re-Heat Boxes**

Insulation to internal lining of ductwork sections and electrical re-heat air conditioning boxes generally contain asbestos millboard. These should be replaced with non-asbestos equivalents during routine maintenance.

## **Asbestos Containing Mastics and Sealants**

Many mastic and sealant products contain Chrysotile asbestos within the pliable, resinous matrix. The nature of the substrate is such that it does not readily dry out in situ, and therefore the fibres are well bound and pose a low risk.

# **Asbestos Materials Re-Inspection Report**

**Sydney Water Corporation**




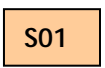

**Sydney Water Accommodation Site, Brunner Road, Potts Hill NSW**

**Appendix G: Site Plans**



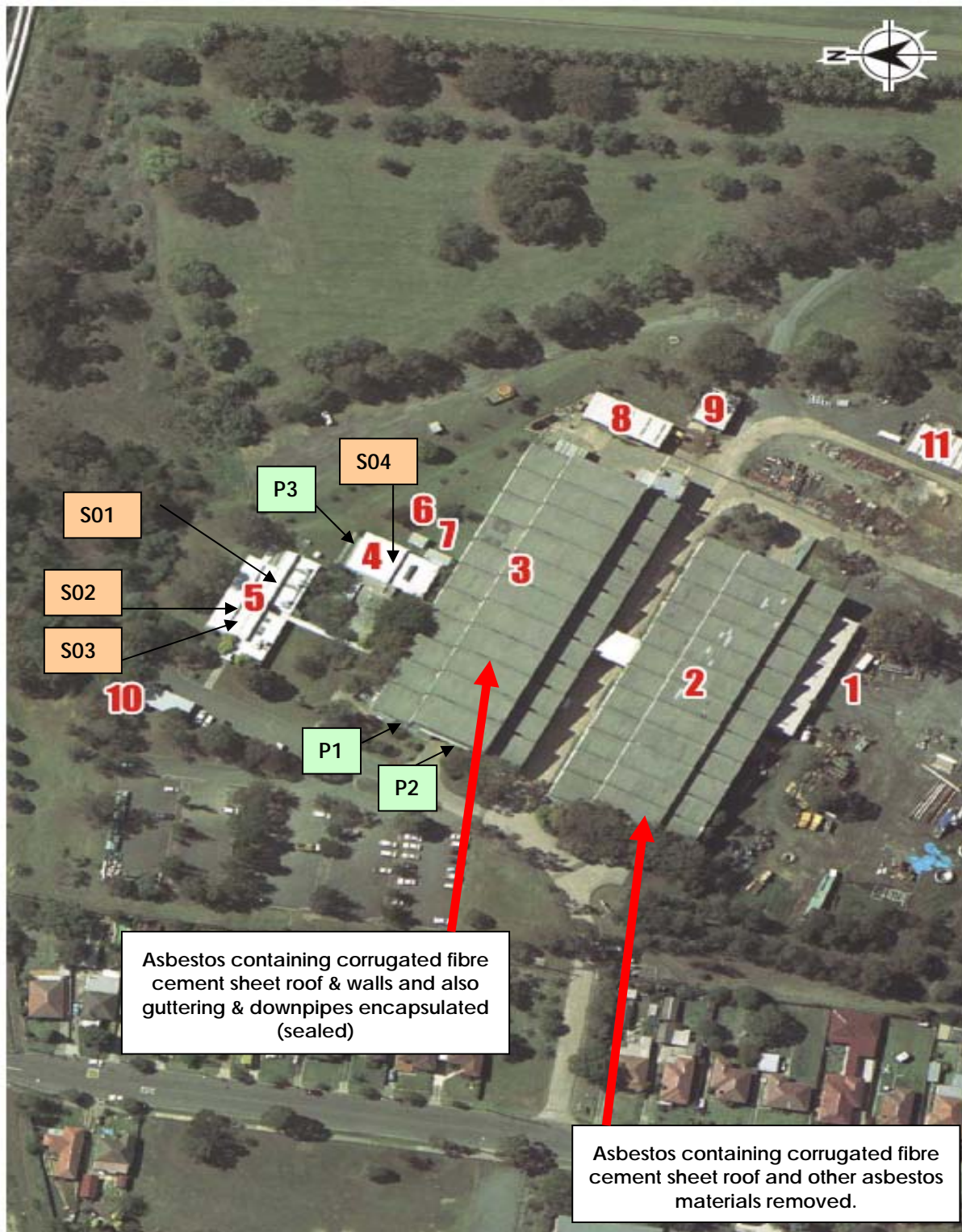
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




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Photograph Number		Sample Number	
Building Number			



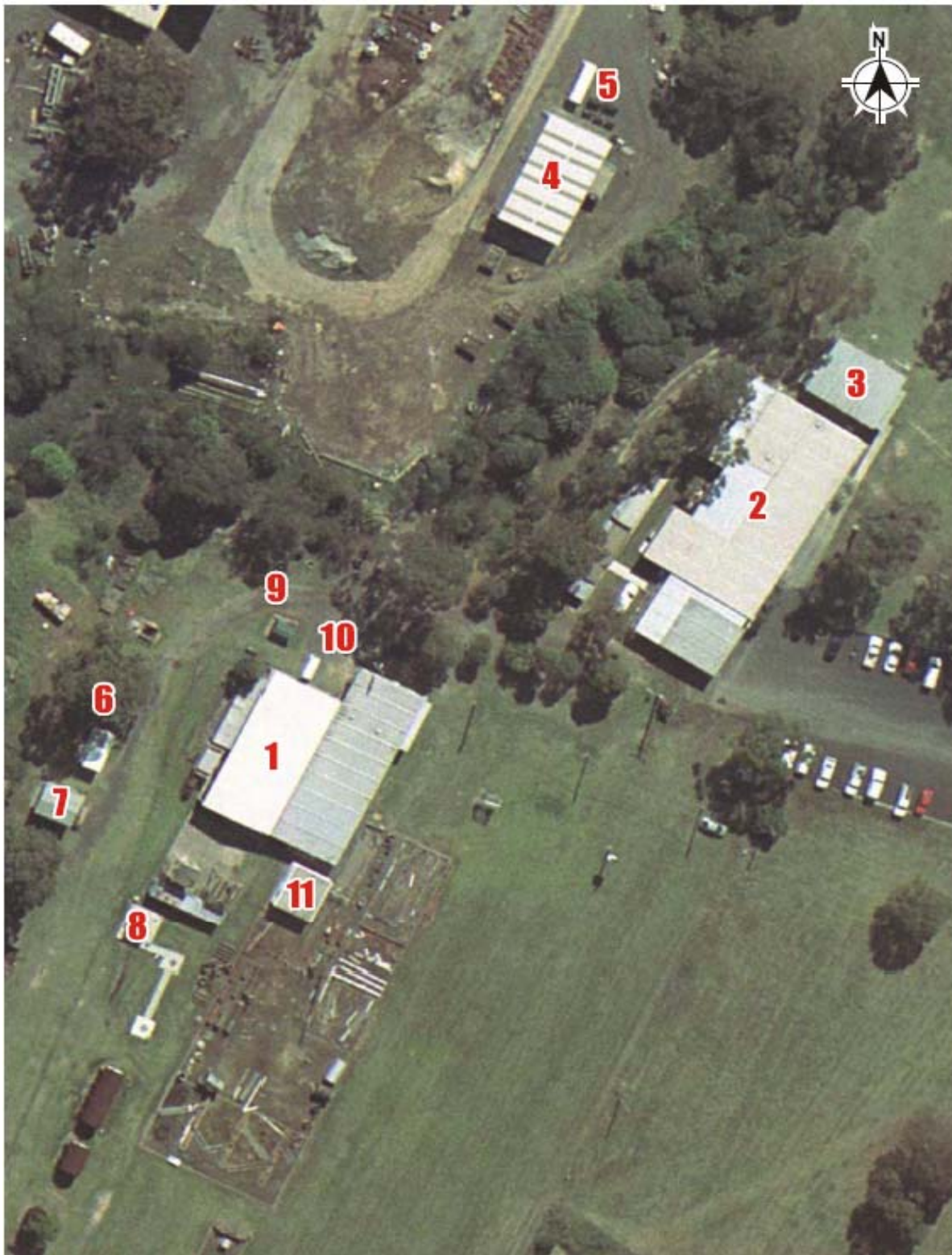
## Area 1








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Photograph Number 	Sample Number 	Building Number 	








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Photograph Number		Sample Number	
Building Number			

## Area 3








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Photograph Number 	Sample Number 	Building Number 	








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Photograph Number 	Sample Number 	Building Number 	

## Area 5








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Photograph Number		Sample Number	
Building Number			








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Photograph Number 	Sample Number 	Building Number 	

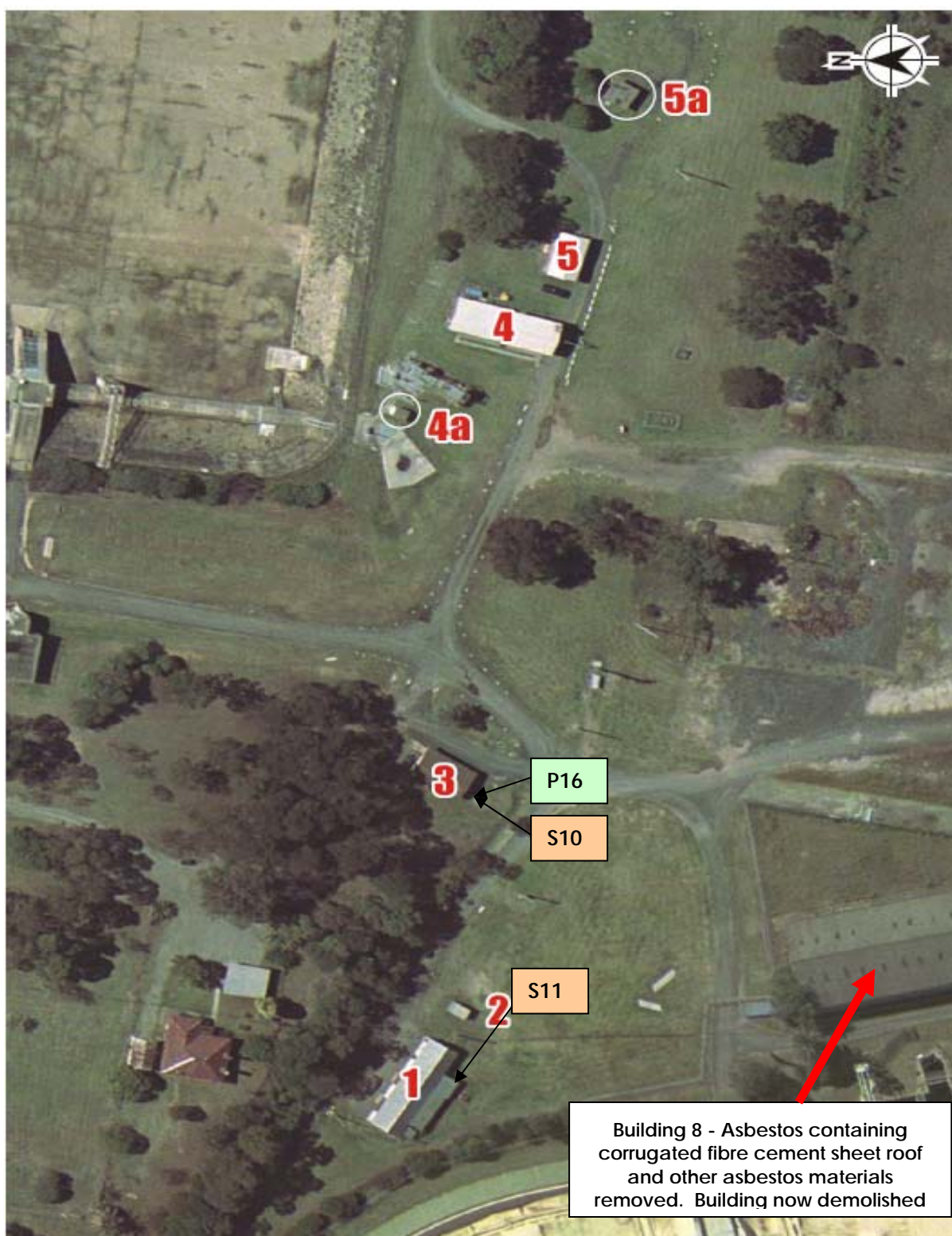
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




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<b>Legend</b>			
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Photograph Number		Sample Number	
Building Number			





## Area 9



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<b>Site:</b> Sydney Water Potts Hill Accommodation Site		<b>Appendix G</b>	Site Plans
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Photograph Number 	Sample Number 	Building Number 	

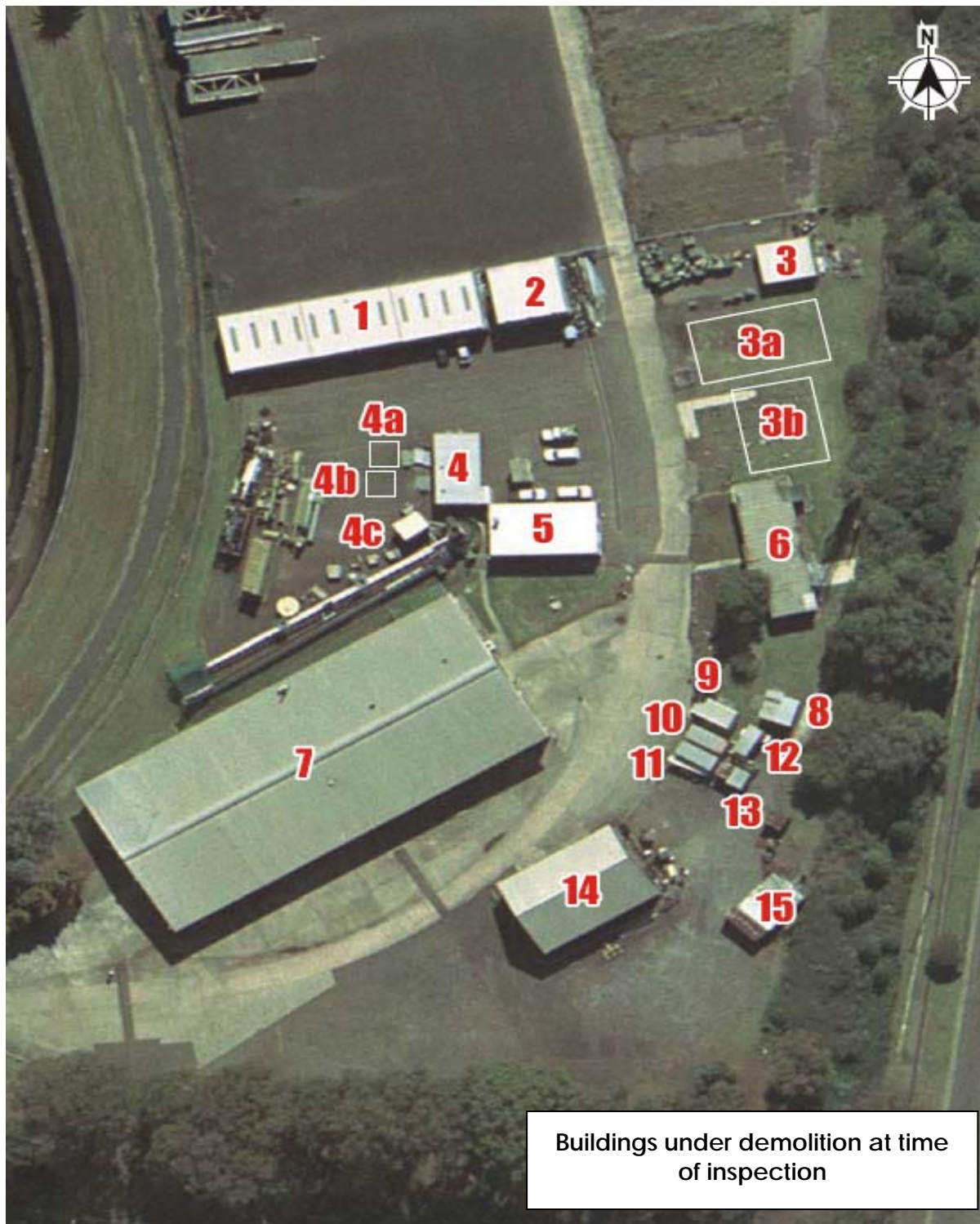
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




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


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<b>Legend</b>			
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Photograph Number		Sample Number	
Building Number			

## Area 12



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<b>Site:</b> Sydney Water Potts Hill Accommodation Site		<b>Appendix G</b>	Site Plans
<b>Legend</b>			
Site Boundary 		Area Boundary 	
Photograph Number		Sample Number	
Building Number			

# **Asbestos Materials Re-Inspection Report**

**Sydney Water Corporation**

**Sydney Water Accommodation Site, Brunner Road, Potts Hill NSW**

**Appendix H: Removal Works Documentation**





## Asbestos Clearance Report

Sydney Water Corporation

Potts Hill and Beecroft Depots



March 2009

Our Ref: SS0081: 72566

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SS0081:LB

72566 - Potts Hill & Beecroft Depot - Asbestos Clearance - March 09

# Asbestos Clearance Report

Sydney Water Corporation

Potts Hill and Beecroft Depot

Cooper Street, Potts Hill & Pennant Hills Road, Beecroft NSW

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2. Background.....	1
3. Site Remediation .....	1
4. Asbestos Air Monitoring.....	1
5. Clearance Inspection .....	2
6. Conclusion.....	2

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Appendix B: Clearance Certificates .....	I
Appendix C: Disposal Documentation .....	I
Appendix D: Site Photographs .....	I
Appendix E: Contractor's Documentation.....	I

## 1. Introduction

Noel Arnold & Associates Pty Ltd (NAA) were commissioned by Sydney Water Corporation to conduct asbestos hygiene services (air monitoring and a visual clearance) during the asbestos removal / remedial works at the Potts Hill and Beecroft Depots NSW.

The Potts Hill Depot is located at Cooper Street, Potts Hill and the Beecroft Depot is located at Pennant Hills Road, Beecroft.

Lee Brown of NAA undertook the air monitoring and visual clearance inspections in March 2009.

## 2. Background

Asbestos containing materials requiring remedial works were identified in our recent asbestos re-inspection of the Potts Hill and Beecroft Depots (Ref No. 69631-9 & 69631-12 respectively) in November 2008.

## 3. Site Remediation

Ross Mitchell & Associates Pty Ltd, an AS-1 (friable) licensed Asbestos Removalist as issued under the Occupational Health & Safety Regulation, 2001 by WorkCover NSW completed asbestos removal/remedial works on 18<sup>th</sup> March 2009 and 19<sup>th</sup> March 2009.

The following removal / remedial actions were undertaken:

- ☐ Potts Hill Depot, Area 1 (Inner West Civil Maintenance Depot, Building 3 (Critical Inventory Store) – Encapsulate (seal) the exposed edges of the damaged areas of the wall sheets;
- ☐ Potts Hill Depot, Area 4, Building 2 (Amenities Block) – Remove the fibre cement debris on the exposed ground surface;
- ☐ Potts Hill Depot, Area 9, Building 1 – Remove the asbestos containing electrical backing board; &
- ☐ Beecroft Depot, Pump Room – Repair and encapsulate (seal) the damaged ceiling and eave sheets.

Photographs are contained in **Appendix D**.

The documentation, as listed below, from Ross Mitchell & Associates Pty Ltd is contained in **Appendix E**.

- ☐ Project Safety Plan and Safe Work Method Statement;
- ☐ Insurance certificates such as Public Liability and Workers Compensation; &
- ☐ Friable Asbestos removal Works Licence.

### 3.1 Disposal Certificates

Approximately 40 kilograms of asbestos material was disposed off-site to SITA Environmental Solutions' Elizabeth Drive Landfill, a NSW Department of Environment and Climate Change (DECC) licensed landfill.

Refer to **Appendix C** for all disposal certificates.

## 4. Asbestos Air Monitoring

NAA conducted asbestos fibre air monitoring during the removal / remedial works. Air monitoring was conducted to measure the concentrations of airborne asbestos fibres on the boundaries of the work areas during the removal / remedial works.

Air monitoring using the Membrane Filter Method was performed in accordance with the *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*

[NOHSC: 3003 (2005)]. Determination of airborne asbestos fibre samples was performed in Noel Arnold & Associates' NATA accredited laboratory.

All air-monitoring results were calculated as less than the detection limit of the method (i.e. <0.01 fibres/ml), indicating a negligible asbestos related health risk was present during the remedial works. The air monitoring reports are contained in **Appendix A** of this report.

## 5. Clearance Inspection

NAA conducted a visual inspection of the work area(s) at the Potts Hill and Beecroft Depots following the completion of the removal/remedial works on 18<sup>th</sup> and 19<sup>th</sup> March 2009 respectively. The asbestos materials requiring removal/remedial works at Potts Hill and Beecroft Depots were satisfactorily completed.

Refer to **Appendix B** for all Clearance Certificates.

## 6. Conclusion

The results of the visual clearance inspections and air monitoring indicate that the asbestos materials identified as requiring remedial works at the Potts Hill and Beecroft Depots have been removed and/or remediated to a satisfactory and practicably achievable standard.

# **Asbestos Clearance Report**

**Sydney Water Corporation**

**Potts Hill and Beecroft Depot**

**Cooper Street, Potts Hill & Pennant Hills Road, Beecroft NSW**

**Appendix A: Air Monitoring Reports**





## Risk Management Services

NOEL ARNOLD & ASSOCIATES PTY LTD  
A.B.N. 76 006 318 010  
Level 2, 11 Khartoum Road,  
North Ryde, NSW 2113 Australia  
Phone: (02) 9889 1800  
Fax: (02) 9889 1811  
Email: sydney@noel-arnold.com.au  
www.noel-arnold.com.au

### ASBESTOS FIBRE AIR MONITORING REPORT

**Our Ref:** SS0081:72566.001-180309-AR

**Client:** Sydney Water Corporation

**Attention:** Lance Chapman

**Job Location:** Sydney Water Depot, Potts Hill - Area 1 Building 3, Area 4 Building 2 and Area 9 Building 1

**Report Date:** Thursday 19<sup>th</sup> March 2009

**Test Date:** Wednesday 18<sup>th</sup> March 2009

**Sampling Procedure:** Control

**Sampled By:** Pumps On: LB

Pumps Off: LB

**Method** *Filters examined in accordance with the Australian Safety & Compensation Council's Guidance Note on the Membrane Filter Method for the Estimation of Airborne Asbestos Fibres, 2<sup>nd</sup> Edition, 2005 [NOHSC:3003: (2005)] – Refer NAA Internal Laboratory Test Method NALAB 301.*

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/ml
Air Monitoring During Removal/Remediation Works to Sydney Water Depot, Potts Hill - Area 1 Building 3, Area 4 Building 2 and Area 9 Building 1					
940	Area 1, Civil Maintenance Store, Building 3, Northwest corner – adjacent lunch room	0730 – 1130	2.00	0.0/100	< 0.01
624	Area 1, Civil Maintenance Store, Building 3, Northeast corner – adjacent rear shed	0735 – 1135	2.00	0.0/100	< 0.01
1040	Area 1, Civil Maintenance Store, Building 3, Southwest corner – on parking sign	0740 – 1140	2.00	0.0/100	< 0.01
935	Area 1, Civil Maintenance Store, Building 3, Southeast corner – on parking sign	0745 – 1145	2.00	0.0/100	< 0.01
733	Area 9, Building 1, Eastern side – on brick BBQ	0800 – 1200	2.00	0.0/100	< 0.01
449	Area 9, Building 1, Southeast corner – on window frame	0800 – 1200	2.00	0.0/100	< 0.01
924	Area 4 Building 2, Northern side – on window frame	0810 – 1210	2.00	0.0/100	< 0.01
937	Area 4 Building 2, Southern side – on window frame	0810 – 1210	2.00	0.0/100	< 0.01

APPROVED COUNTER: NIGEL JOHNSON

APPROVED COUNTER: NIGEL JOHNSON



This document is issued in accordance with NATA's accreditation requirements.

Accredited for compliance with ISO/IEC 17025. Corporate Site No. 5450, Site No. 3402 Sydney Laboratory.

This document shall not be reproduced, except in full.

Sampling procedure is not covered by the scope of the NATA accreditation.



## Risk Management Services

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Level 2, 11 Khartoum Road,  
North Ryde, NSW 2113 Australia  
Phone: (02) 9889 1800  
Fax: (02) 9889 1811  
Email: [sydney@noel-arnold.com.au](mailto:sydney@noel-arnold.com.au)  
[www.noel-arnold.com.au](http://www.noel-arnold.com.au)

### ASBESTOS FIBRE AIR MONITORING REPORT

**Our Ref:** SS0081:72566.002-190309-AR

**Client:** Sydney Water Corporation

**Attention:** Lance Chapman

**Job Location:** Sydney Water Maintenance Depot, Beecroft - Pump Room

**Report Date:** Thursday 19<sup>th</sup> March 2009

**Test Date:** Thursday 19<sup>th</sup> March 2009

**Sampling** Control

**Sampled By:** Pumps On: LB

**Procedure:**

Pumps Off: LB

**Method** *Filters examined in accordance with the Australian Safety & Compensation Council's Guidance Note on the Membrane Filter Method for the Estimation of Airborne Asbestos Fibres, 2<sup>nd</sup> Edition, 2005 [NOHSC:3003: (2005)] – Refer NAA Internal Laboratory Test Method NALAB 301.*

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/ml
Air Monitoring During Removal/Remediation Works to Sydney Water Maintenance Depot, Beecroft - Pump Room					
426	Eastern Entrance, Adjacent pump room – on gate	0720 – 1040	2.50	0.0/100	< 0.01
453	Western side of pump room – on water reservoir	0725 – 1045	2.50	0.0/100	< 0.01
912A	Northwest of pump room – on fence	0730 – 1050	2.50	0.0/100	< 0.01

APPROVED COUNTER: NIGEL JOHNSON

APPROVED COUNTER: NIGEL JOHNSON



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# Asbestos Fibre Air Monitoring Explanation

## General

Asbestos fibre air monitoring is carried out using a calibrated sampling pump to draw a known volume of air through a filter. Standard monitoring periods are usually between four and eight hours. At the end of the monitoring period the pump and filter are collected, and in a laboratory, the filter is removed and mounted on a microscope slide.

## Laboratory Analysis

Under a microscope, randomly selected sections (fields of a known size) of the filter are examined, and the number of respirable fibres (fibres with certain size criteria that enable them to reach the lower sections of the lung) in each field is noted. A standard number of fields is selected and the cumulative total of the number of fibres is recorded. This data appears in the column 'Fibres/Fields' on the asbestos fibre air monitoring report.

## Fibre Concentration Calculation

Using the known flowrate of the pump and the sampling time, this data is converted to a concentration (fibres per millilitre of air) which appears in the 'Results' column of the asbestos fibre air monitoring report.

Due to constraints (error) in all scientific method, there is a minimum airborne asbestos fibre level and concentration that is able to be accurately measured and reported. This minimum level is known as the detection limit and is equivalent to 10 fibres/100 fields. The associated airborne concentration reporting limit is 0.01 fibres/ml. A non-elevated fibre reading is not able to be expressed as "zero", rather the baseline "<0.01 fibres/ml" is used.

## Exposure Sampling

Exposure samples are those taken from monitors worn by the worker with the sampling head located within the worker's breathing zone. These give results that are indicative of the worker's exposure under representative working conditions. The National Health and Medical Research Council (NH&MRC) recommend that the time-weighted average (TWA) airborne concentration of mixed asbestos fibres of the air breathed by a worker throughout a working shift (commonly known as the asbestos exposure standard) should not exceed 0.1 fibres/ml.

## Control Sampling

Control samples are static samples usually taken as an indicator of the effectiveness of control measures around asbestos removal work areas, or to check the air quality in structures that contain asbestos.

Readings gained do not reflect actual worker exposure and can't be compared with the occupational exposure standard. However, a range of engineering control measures and action levels are applied to control sample air monitoring readings above the detection limit, to ensure sources of contamination are identified and rectified.

## Sampling and Analytical Certification

Companies collecting and analysing asbestos fibre air monitoring samples should be independently audited and accredited by NATA (National Association of Testing Authorities), to ensure a consistent, professional service (as per Clause 261, NSW *Occupational Health & Safety Regulation*, 2001).

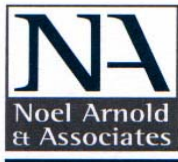
# **Asbestos Clearance Report**

**Sydney Water Corporation**

**Potts Hill and Beecroft Depot**

**Cooper Street, Potts Hill & Pennant Hills Road, Beecroft NSW**

**Appendix B: Clearance Certificates**



Thursday 19<sup>th</sup> March 2009

Our Ref. SS0081:72566-1

**Clearance Certification of Works Area  
(Area 1, Civil Maintenance Store Building 3, Sydney Water Site Cooper Road, Potts Hill –  
encapsulation of corrugated fibre cement sheeting)**

Noel Arnold & Associates Pty Ltd (NAA) conducted occupational hygiene services (air monitoring and visual clearance inspection) to verify that damaged asbestos containing corrugated fibre cement sheeting from Area 1, Civil Maintenance Store building 3 were encapsulated to a practicably achievable standard.

**Description of Works**

During Wednesday 18<sup>th</sup> March 2009, works were carried out to encapsulate all damaged asbestos containing corrugated fibre cement sheeting from Area 1, Civil Maintenance Store Building 3. The damaged areas were sealed using grey paint.

**Removal Contractor**

The encapsulation works were undertaken by Ross Mitchell & Associates Pty Ltd, an AS-1 (friable) licensed Asbestos Removalist as issued under the Occupational Health & Safety Regulation, 2001 by WorkCover NSW.

**Asbestos Fibre Air Monitoring**

NAA carried out static asbestos fibre air monitoring during the remedial works adjacent to the work areas (NAA ref 72566.001).

*All air monitoring results were calculated as less than 0.01 fibres/ml (i.e. less than the detection limit for the method).*

**Visual Inspection**

*No unsealed damage sections were observed in the vicinity of the work area following the completion of the visual inspection.*

The results of the air monitoring and visual inspection indicate that the encapsulation of asbestos containing corrugated fibre cement sheeting has had no adverse effect on the air quality within the containment area or the surrounding work areas therefore it is our professional opinion that it is safe for normal works to resume in the area.

It is noted that asbestos containing corrugated fibre cement sheeting still largely exists throughout the building.

If any further information is required or if you have any queries regarding this information please do not hesitate to contact me on (02) 9889 1800.

Regards,

**NOEL ARNOLD & ASSOCIATES PTY LTD**

**LEE BROWN  
CONSULTANT**

Thursday 19<sup>th</sup> March 2009

Our Ref. SS0081:72566-2

**Clearance Certification of Works Area  
(Area 4, Building 2 and Area 9 Building 1, Sydney Water Site Cooper Road, Potts Hill –  
during removal works of asbestos containing fibre cement sheeting)**

Noel Arnold & Associates Pty Ltd (NAA) conducted occupational hygiene services (air monitoring and visual clearance inspection) to verify that asbestos containing fibre cement debris from Area 4 Building 2 and one (1) asbestos containing electrical backing board from Area 9 Building 1 were removed to a practicably achievable standard.

**Description of Works**

During Wednesday 18<sup>th</sup> March 2009, works were carried out to remove asbestos containing fibre cement debris from Area 4 Building 2 and one (1) asbestos containing electrical backing board from Area 9 Building 1. The asbestos containing materials were removed using hand tools. All waste was then placed in 200 µm thick plastic waste bags, which were later sealed.

**Removal Contractor**

The removal works were undertaken by Ross Mitchell & Associates Pty Ltd, an AS-1 (friable) licensed Asbestos Removalist as issued under the Occupational Health & Safety Regulation, 2001 by WorkCover NSW.

**Asbestos Fibre Air Monitoring**

NAA carried out static asbestos fibre air monitoring during the removal works adjacent to the work areas (NAA ref 72566.001).

*All air monitoring results were calculated as less than 0.01 fibres/ml (i.e. less than the detection limit for the method).*

**Visual Inspection**

*No visible asbestos containing fibre cement debris was observed in the vicinity of the work area following the completion of the visual inspection.*

The results of the background air monitoring and visual inspection indicate that the removal of asbestos containing fibre cement debris and one (1) electrical backing board has had no adverse effect on the air quality within the work area or the surrounding work areas, therefore it is our professional opinion that it is safe for normal works to resume in the area.

It is noted that asbestos-containing fibre cement sheeting still largely exists throughout Building 2 in Area 4.

If any further information is required or if you have any queries regarding this information please do not hesitate to contact me on (02) 9889 1800.

Regards,

**NOEL ARNOLD & ASSOCIATES PTY LTD**



**LEE BROWN**

**HAZARDOUS MATERIALS CONSULTANT**





Thursday 19<sup>th</sup> March 2009

Our Ref. SS0081:72566-3

**Clearance Certification of Works Area  
(Pump Room Building, Sydney Water Site Corner of Pennant Hills Road & Loftus Street, Beecroft  
– during removal/remediation works)**

Noel Arnold & Associates Pty Ltd (NAA) conducted occupational hygiene services (air monitoring and visual clearance inspection) to verify that damaged asbestos containing fibre cement sheet from the Pump Room Building was removed and the surrounding asbestos containing eaves have been encapsulated to a practicably achievable standard.

**Description of Works**

During Thursday 19<sup>th</sup> March 2009, works were carried out to remove/replace damaged asbestos containing fibre cement sheeting and to encapsulate the surrounding asbestos containing eaves from the Pump Room Building. The asbestos containing materials were removed using hand tools and eaves encapsulated with grey paint. All waste was then placed in 200 µm thick plastic waste bags, which were later sealed.

**Removal Contractor**

The removal works were undertaken by Ross Mitchell & Associates Pty Ltd, an AS-1 (friable) licensed Asbestos Removalist as issued under the Occupational Health & Safety Regulation, 2001 by WorkCover NSW.

**Asbestos Fibre Air Monitoring**

NAA carried out static asbestos fibre air monitoring during the removal works adjacent to the work areas (NAA ref 72566.002).

*All air monitoring results were calculated as less than 0.01 fibres/ml (i.e. less than the detection limit for the method).*

**Visual Inspection**

*No visible asbestos containing debris was observed in the vicinity of the work area following the completion of the visual inspection.*

The results of the air monitoring and visual inspection indicate that the removal of the damaged asbestos containing fibre cement sheeting and the encapsulation of the surrounding asbestos containing eaves have had no adverse effect on the air quality within the work area or the surrounding work areas therefore it is our professional opinion that it is safe for normal works to resume in the area.

It is noted that asbestos-containing fibre cement sheeting still largely exists throughout the Pump Room Building.

If any further information is required or if you have any queries regarding this information please do not hesitate to contact me on (02) 9889 1800.

Regards,

**NOEL ARNOLD & ASSOCIATES PTY LTD**

**LEE BROWN**

**HAZARDOUS MATERIALS CONSULTANT**

# **Asbestos Clearance Report**

**Sydney Water Corporation**

**Potts Hill and Beecroft Depot**

**Cooper Street, Potts Hill & Pennant Hills Road, Beecroft NSW**

**Appendix C: Disposal Documentation**



# Delivery Docket

SITA Australia Pty Ltd  
Elizabeth Drive Landfill  
1725 Elizabeth Drive  
KEMPS CREEK NSW 2178  
Phone: 02 4774 8866

ABN: 70 002 902 650

Ticket No: 30059775-ED

Time In: 19/03/2009 12:19:31 PM  
Time Out: 19/03/2009 12:24:39 PM

Vehicle Rego: BGT85A  
Client: ROSS MITCHELL & ASSOC  
Order Number: 14921

## Contract:

Weighted waste:  
ASBESTOS CATEGORY 3 \$  
Unit Cost:  
Storage Location: G/WASTE D3/L2/P

Each Items	Qty	Price
GROSS weight:		2.16t
TARE weight:		2.12t
NET weight:		0.04t
Chargeable weight:		0.04t
Each Item weight:		0.00t

Fee: \$  
Each Items: \$  
EPA Levy: \$  
GST: \$  
Temporary Acc: \$  
Total Price: \$  
Amount Tendered: \$

Change Given:

Operator: Jerry



**RMA Demolitions Pty Ltd**  
Trading as Ross Mitchell & Associates  
Licensed for:  
Friable & Bonded Asbestos  
Unrestricted Demolition  
New South Wales  
Queensland  
Victoria

Docket No. T 14921

From/Site: WATER BOARD  
Name/Company

PATTS HILL / PENNANT MILLS RD BEECROFT  
Site Address

Time Start: (am/pm) Job Number: P9276 (if applicable)

Contact Name: W. BELL Signature: W. BELL

To/Tip: SITA KEMPS CREEK  
Name/Location

Tip Docket Number (Attach Docket): (when tipped)

Time Finish: (am/pm)

Bin Type: ☐ Semi ☐ Truck ☐ Truck & Dog ☐ Other UTE

Waste Type: ASBESTOS  
Specify Materials

Payment: ☐ Job Number ☐ Cash ☐ Cheque ☒ Account

Rego No./Company: BGT 85A RMA

Driver: W. BELL Date: 19-3-09  
WHITE: Tip, GREEN + TIPPING DOCKET: Office, PINK: Docket Book

PO Box 149 Strathfield South NSW 2136 Tel: 02 9642 0011 Fax: 02 9642 0111  
www.rossmitchell.com.au

# **Asbestos Clearance Report**

**Sydney Water Corporation**

**Potts Hill and Beecroft Depot**

**Cooper Street, Potts Hill & Pennant Hills Road, Beecroft NSW**

**Appendix D: Site Photographs**



**Photo 1:** Beecroft Depot, Pump Room – Damaged ceiling sheet



**Photo 2:** Beecroft Depot, Pump Room – Damaged ceiling sheet removed and replaced with a non-asbestos containing sheet



**Photo 3:** Beecroft Depot, Pump Room – Damaged eave sheet encapsulated (sealed) with grey paint



**Photo 4:** Beecroft Depot, Pump Room – Damaged eave sheets encapsulated (sealed) with grey paint



**Photo 5:** Beecroft Depot, Pump Room – Damaged eave sheet encapsulated (sealed) with grey paint

# **Asbestos Clearance Report**

**Sydney Water Corporation**

**Potts Hill and Beecroft Depot**

**Cooper Street, Potts Hill & Pennant Hills Road, Beecroft NSW**

**Appendix E: Contractor's Documentation**

# Ross Mitchell & Associates.

Licensed by WorkCover NSW for Class 1 Unrestricted Demolition and  
Class 1 Friable and Bonded Asbestos Removal

## SAFE WORK METHOD STATEMENT

**Contractor:** RMA Demolitions Pty Ltd

**Address:** Unit 27/6 Braidwood Street  
Strathfield South 2136

**Signed:**

**Name:** Stephen Hickey

**Date:** 18<sup>th</sup> March 09

**Project:** Sydney Water  
P9276

**Location:** Potts Hill & Beecroft

**Work Site Description:** Beecroft & Potts Hill Sydney Water Sites

**Scope of Works:** Encapsulate, Repair, Removal Asbestos from various locations

Procedure (in steps):	Possible Hazards	Rating	Safety Control
Co-ordinate Scope of Works	Interference with other trades or Occupants	2	Communication with other trades and Occupants of the building to ensure the area is clear prior to the works beginning.
<b>Site Set Up</b> – the work area is to have barriers and signs. Warning of asbestos removal must also be erected at least 10metres from the workface.	Trips and slips	4	Be careful on uneven ground <b>NB.</b> After the work area is made the area is deemed to be contaminated and no access to work area without disposable overalls and P2 Masks being worn  PPE to be worn at all times: Long Trousers, Long Sleeves Shirt, safety boots, gloves and safety glasses
Walk over required areas, picking up any loose asbestos fragments on ground	Inhalation of asbestos fibres Cuts Possible spiders & Snakes Working in remote areas	3 5 2 2	<i>Wear correct PPE including respiratory protection</i>  Wear leather gloves while doing the works Ensure long trousers and safety boots worn If bitten, ring Poisons Info Hotline on 13 11 26 Ring Emergency on 000. If working alone, ensure 2-way radios are used Please refer to attachment for location of nearest hospital

# Ross Mitchell & Associates.

<p>Extreme care is be exercised around underground services.</p> <p><b>Please note that during these works there is to be no digging in the ground. If required we will need to notify Sydney Water.</b></p>	Death or severe injury	2	<ul style="list-style-type: none"> <li>Follow Sydney Water procedure HSP-053 Excavation Safety</li> <li>Dial before you dig query to be undertaken</li> <li>Accredited locator to clear area for all services across proposed excavation area before excavation</li> <li>Excavator is not to set up over sewers</li> <li>Excavator may scrape the surface very carefully above the 2 sewers within the excavation area (150mm and 450mm) to a depth of 150mm only</li> <li>If in any doubt about sewer depth and damaging it, use hand tools</li> <li>Water pipe adjacent to 150mm sewer (as marked with blue paint by locator 28.08.08) must be excavated around by hand</li> <li>If in any doubt about any services underground and damaging them, use hand tools</li> <li>Underground electricity cable extends from last power pole near gates to depot building, to be cleared by DAGS</li> </ul>
Encapsulate exposed edges of asbestos sheeting	<p>Inhalation of asbestos fibres</p> <p>Cuts</p> <p>Possible spiders &amp; Snakes</p>	<p>3</p> <p>5</p> <p>2</p>	<p><i>Wear correct PPE including respiratory protection</i></p> <p>Wear leather gloves while doing the works</p> <p>Ensure long trousers and safety boots worn</p> <p>If bitten, ring Poisons Info Hotline on 13 11 26</p> <p>Ring Emergency on 000</p>
Removal and repairs to damaged asbestos sheeting	<p>Inhalation of asbestos fibres</p> <p>Cuts</p>	<p>3</p> <p>5</p>	<p><i>Wear correct PPE including respiratory protection</i></p> <p>Wear leather gloves while doing the works</p>
Extreme care is be exercised around overhead power lines. <b>Please note that there are no overhead power lines near our works.</b>	Death or severe injury	2	<p>Follow Sydney Water procedure CP-KP-033 Working safely near overhead electrical apparatus</p> <p>Must use observer and make sure no machinery or plant reaches within 3m of overhead lines</p>
<b>At the Tip</b>	Dust Inhalation		<p>– The Truck Driver is to remove the covering tarps, (waste is encapsulated) return to the cabin and proceed to dump the waste with the windows of the cabin wound up.</p>
<b>Air monitoring</b> is to be carried out at all times during the excavation of asbestos contaminated soils. Monitors are to be placed on each of the boundary fences.	Dust Inhalation	2	<p>On the first day a monitor will be placed in the cab of the excavator. The excavator operator must wear a disposable overall and a dust mask on this first day until it can be demonstrated that there are no asbestos fibres entering the cab of the machine. Should there be no fibres then the operator may work in the cab without a dust mask but must keep the door closed at all times. The operator</p>

# Ross Mitchell & Associates.

<b>Decontamination of Personnel</b> - all personnel must dispose of overalls and any other PPE before leaving work area.		Dust Inhalation	2	must put on a dust mask when leaving the cab. All Working Personnel are to Decontaminate when leaving the work area. Procedure: 1. Lightly spray suit and mask. 2. Remove disposable suit and P3 Mask place into asbestos bag. 3. Proceed straight from the work area.
<b>NOTE: UNDER NO CIRCUMSTANCES ARE:</b> 1. <b>Personnel allowed to enter a trench regardless of depth until a full JSA &amp; SWMS is completed.</b> 2. <b>Personnel to accept directions from Clients or any third party.</b> 3. <b>Personnel to work outside their inducted SWMS.</b>				
<b>Personal Protective Equipment</b>	<b>Safety boots, safety helmet, safety vest</b> , leather gloves, eye protection, hearing protection, dust masks (Items in bold are to be worn at all times, other items to be worn as required for each task)			
<b>Personal Qualifications and Experience</b>		<b>Personal Duties and Responsibilities</b>		
Site Supervisor: Wayne Bell Will supervise and conduct inspections in work areas, methods, protective measures etc. All personnel to hold construction industry OH&S Ticket ('Green card') & friable asbestos removal tickets.		Wayne Bell– Supervision of all works. Oversee all works carried out by RMA staff and to instruct any persons working for RMA on this project. Truck Driver and Pipe Locator.		
<b>Training Required To Complete The Works</b>		<b>Trainers Qualifications</b>		
Method statement induction		Wayne Bell – Site Supervisor, previous experience 12 years in the construction industry and holder of an asbestos supervisor's ticket. All other RMA staff do hold asbestos removal tickets.		
General Site Specific Induction				
Sydney Water Safety Induction passports				
Construction Induction OHS		WorkCover Authority of NSW or other accredited trainer		
<b>Engineering Details/Certificates/WorkCover Approvals</b>		WorkCover Asbestos Removal Permit, Air monitoring		
<b>Sydney Water procedures</b>		CP-KP-033 Working safely near overhead electrical apparatus HSP-053 Excavation Safety Hot Work Safety HSP 026		
<b>Legislation</b>		1. Occupational Health and Safety Act, 2000. 2. Occupational Health and Safety Regulations, 2001.		

# Ross Mitchell & Associates.

<b>Australian Standards/ Codes of Practice</b>	VARICC Document, 2nd Edition; NSW Dangerous Goods Act 1975 and Regulations 1978; Site Specification and Method Statements. AS2994 – Earthmoving Machinery – Protective Structures, Standards Australia 1990; . NSW Code of Practice for the Safe Work On Roofs; Part 1, Commercial and Industrial. AS2061 –2001, the Demolition of Structures AS3012 – Electrical Installations – Construction and Demolition Sites and Associated Codes of Practice. NSW Lifts and Cranes Act 1967. NSW Code of Practice for Electrical Practices for Construction Work, WorkCover Authority NSW 1912. AS4361.1 – 1995 Guide to Lead paint Management Part 1: Industrial Applications. AS4361.2 – 1998 Guide to Lead Paint Management Part 2: Residential & Commercial Applications Quality Standard – ISO 9001:2000 Moving Plant on Construction Sites Code of Practice 2004
<b>Permits</b>	Yes
<b>Plant and Equipment</b>	Tipper, Hand tools,
<b>Maintenance Checks</b>	Daily inspections for all mechanical plant as per manufacturers conditions.

We, the undersigned, have been consulted in the preparation of this Safe Work Method Statement. Further, we have been trained in this Safe Work Method Statement				
<b>Print Name</b>	<b>Signature</b>	<b>Print Name</b>	<b>Signature</b>	
<b>RISK ASSESSMENT RECKONER</b>		<b>HOW LIKELY IS IT TO BE THAT BAD?</b>		
<b>HOW BAD IS IT LIKELY TO BE</b>	<b>++Very likely:</b> Could happen at any time	<b>+Likely:</b> Could happen some time	<b>-Unlikely:</b> Could happen, be very unlikely	<b>--Very Unlikely:</b> Could happen <i>but</i> probably never will
Kill or cause permanent disability	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>



# Ross Mitchell & Associates.

or ill health				
Long term illness or serious injury	1	2	3	4
Medical attention and several days off work	2	3	4	5
First aid needed	3	4	5	6

# Ross Mitchell & Associates.

## Incident Management Plan

- In the event of any accident, incident or near miss, you must report it immediately to the Sydney Water Project Manager and Ross Mitchell Project Manager
- Map route to hospital attached
- If site evacuation required, evacuate to assembly point at top of hill on Lawson Road

IMPORTANT CONTACTS SPRINGWOOD		
Organisation / Position	Name	Contract
Ross Mitchell Project Manager	Stephen Hickey	Office 02 9642 0011 Mobile 0411 674 120
Ross Mitchell Project Supervisor	Wayne Bell	Office 02 9642 0011 Mobile 0488 110 026
Noel Arnold Project Manager	Lee Brown	Office 02 98891800 Mobile <b>0488 360 684</b>
Integral	Emergency	131 003
AGL	Emergency	131 909
Sydney Water	Emergency	132 090
Telstra		132 000
EMERGENCY		<b>000</b>

## APPENDIX D

### PROJECT SAFETY PLAN (MINOR WORKS) PROFORMA

Prior to the commencement of high or moderate risk minor works the Service Provider is required to prepare a Project Safety Plan consistent with Project Safety Plan Type B Guidelines at Appendix A7 of the Sydney Water Contractor Safety Management System Manual.

Prior to the commencement of low risk minor works the Service Provider is required to prepare a Project Safety Plan consistent with Project Safety Plan Type C Guidelines at Appendix A7 of the Sydney Water Contractor Safety Management System Manual.

*This Project Safety Plan Pro Forma is provided to assist minor works providers meet this requirement. Alternatively, a conforming Project Safety Plan addressing each of the required elements listed hereunder may be provided on separate letterhead.*

*Elements of this Pro Forma which do not apply to the required works do not need to be addressed and should be marked not applicable (NA).*

## Project Safety Plan

This Project Safety Plan sets out the safety management strategy to be adopted by **Ross Mitchell & Associates** (*name of Service Provider*) for the following work.

Quotation/Contract Details	
Quotation/Minor Works Order Number	Q9573
Quotation/Minor Works Order Description/Name	Sydney Water at Potts Hill & Beecroft
Scope of Work	Encapsulate exposed edges of asbestos sheets , Emu Pick around buildings, Minor patching repairs to broken asbestos sheeting and remove old power board
Service Provider Details	
Company Name	Ross Mitchell & Associates
Address	Unit 12/6-20 Braidwood Street, Strathfield South NSW 2136
Phone	0488110026
Fax	96420111
Company Representative	Wayne Bell
Position	Project Supervisor
Signature	
Date	18/03/09
Review Details	
Reviewed by Sydney Water Project Manager ( <i>insert name &amp; signature</i> )	
Date	

Any significant revisions to the Plan during the course of the work will be submitted to the Sydney Water Project Manager.

This Project Safety Plan will form the basis by which the **OHS** performance of **Ross Mitchell & Associates** (*name of service Provider Company*) will be monitored by Sydney Water. It will be made available to the Sydney Water Project Manager for that purpose.

## 1 MANAGEMENT RESPONSIBILITY ( Required for type B & C Project Safety Plans)

The following statement details the responsibilities assigned to key project representatives.

*Tick boxes as appropriate. Mark NA where responsibilities are not applicable to the project. If more than one member of the service provider's team is responsible for individual items provide this detail in the Other Responsible Persons section provided. Where multiple sites are involved complete a site manager/foreman table for each site.*

<b>Service Provider's Representative: Key Responsibilities</b>			
<b>Name: Stephen Hickey</b>	<b>Contact Number: 0411674120</b>	<b>Tick Yes</b>	<b>Tick N.A.</b>
Identify hazards & assess risks associated with the project & document control measures to be taken.		X	
To assess subcontractors' and suppliers' abilities to comply with OHS requirements		X	
Review subcontractors' Project Safety Plans and work method statements		X	
Ensure that subcontractors and employees are trained and certified as required.		X	
Develop and implement accident and emergency procedures.		X	
Report accidents and cases of occupational disease to the appropriate authority.		X	
Provide medical and first aid facilities		X	
Ensure personal protective equipment is available.		X	
Support site managers/foremen in their health and safety activities.		X	
Isolate and minimise the occurrence of inherent unsafe work areas, materials, plant and equipment during work undertaken by employees and contractors.		X	
Identify OHS training needs & ensure appropriate training for management, site foremen & personnel on site		X	
On delivery of OHS&R records, arrange the filing and retention of these records.		X	
<b>Service Provider's Site Manager/Foreman: Key Responsibilities:</b>			
<b>Name: Kevin Toun / Wayne Bell</b>	<b>Contact Number: 0411674128 / 0488110026</b>	<b>Tick Yes</b>	<b>Tick N.A.</b>
Ensure that all site personnel attend induction training prior to commencing work on the site.		X	
Provide a safe and healthy work environment by ensuring compliance with safe working rules including appropriate on-site interaction with SW procedures & operating systems; and manage interactions with other contractors or SW personnel on site		X	
Communicate OHS information to & promote safety awareness with subcontractors and employees		X	
Ensure subcontractors & employees follow safe work practices & Work Method Statements		X	
Inspect job sites regularly & verify that work areas, methods, materials, plant & equipment comply with safety regulations, standards & codes.		X	
Immediately correct unsafe acts, conditions, materials, plant and equipment & take remedial action to minimise or eliminate hazards		X	
Ensure that equipment is properly maintained.		X	
Manage, investigate and document all accidents and incidents.		X	

Collate all relevant OHS records on site & ensure these records are remitted for filing.	X
--	---

Other Responsible Persons		
<b>Name:</b>	<b>Role:</b>	<b>Contact Number:</b>
<b>Responsibilities</b> .....NIL.....		
.....		
.....		
.....		

## 2 SUBCONTRACTING AND PURCHASING *(Required for type B Project Safety Plan)*

### Subcontractor Register

*This form is to be completed where the service provider engages subcontractors during provision of the work. The subcontractor and the contractor will sign this form before work commences.*

<b>Subcontractor Company Name and Address:</b> Ross Mitchell & Associates, Unit 12/6-20 Braidwood Street, Strathfield South NSW 2136			
<b>Nature of Work/Service to be provided:</b> <b>ASBESTOS REMOVAL</b>			
<b>Name of Key Subcontractor Contact:</b> STEPHEN HICKEY		<b>Contact Number:</b> 0411674120	
<b>Insurance Verified:</b> <i>Specify type of insurance required and confirmed</i> AS1 ASBESTOS REMOVAL			
<b>HIDRA Completed?</b>	<b>Yes/No</b>	<b>HIDRA Attached?</b>	<b>Yes/No</b>
<b>Work Method Statements Obtained:</b> <i>List Work Method Statements obtained and attach copy to this form</i> YES. HAS BEEN SENT			
<b>Key Responsibilities of subcontractors include:</b> <ul style="list-style-type: none"> <li>• Comply with minimum standards outlined in the induction.</li> <li>• Comply with safe work practices and the requirements of Work Method Statements</li> <li>• Report any injury or illness immediately to the Site Manager/Foreman.</li> <li>• Comply with all relevant Acts, Regulations, Codes of Practice and Standards</li> <li>• Report hazards and OHS&amp;R issues to the Site Manager/Foreman immediately</li> <li>• Other (<i>Specify</i>).....</li> </ul>			<b>Tick or NA</b>  Y Y Y Y Y
Signed by Contractor Representative:		Date:	
Signed by Subcontractor Representative:		Date:	



## Subcontractor Induction and Qualification Register

*This form is to be completed by the Service Provider prior to any individual subcontractor employee beginning work on site. Training qualifications shown in this form may be cross-referenced in Part 2 of Work Method Statements. All persons working on Sydney Water sites or projects must carry evidence that they have been inducted. Where a subcontractor already carries a SW Induction Passport, the Contractor must enter induction details into the Passport. Where the subcontractor does not hold a passport the Service Provider may issue a Sydney Water Induction Pass or alternative evidence of induction.*

<b>Subcontractor Employees</b> <i>List all subcontractor employees who will be involved in the work.</i>	<b>Nature of Work to be performed</b>	<b>Qualifications of individual subcontractor employees</b>	<b>Project Induction completed</b> <i>Enter date of induction &amp; attach content</i>	<b>SW Induction Pass or Induction Passport Number</b> <i>Where applicable</i>
Wayne Bell	Asbestos Removal	Asbestos Supervisor, Asbestos Removal, First Aid	On Site	yes
Savuth Sorn	Asbestos Removal	Asbestos Supervisor, Asbestos Removal, First Aid	On Site	yes

## Material and Equipment Standards

***All materials supplied including tools, plant and equipment, hazardous substances, personal protective equipment and building materials must be inspected and tested, labelled and stored to an appropriate Standard or Code of Practice to ensure they do not add unacceptable risks at the workplace. These standards need to be listed below.***

Material/Equipment	Standard/Code of Practice
1. Materials (eg. cement, glass etc)	See SWMS
Plastic	
Tape	
2 Electrical and other equipment	
Brush cutter	See SWMS
Claw Hammer	
Hand Pump Spary	
Water Hose	
3. Major plant (eg scaffold, crane, etc)	
LADDER	
4. Hazardous substances and dangerous goods (eg. chlorine, asbestos, lead based paint etc)	
ASBESTOS	See SWMS
5. Personal protective equipment (eg safety helmets, reflective road vests, safety spectacles)	
Gloves, safety boots, Coveralls, Safety glasses,P3 MASK	See SWMS

### 3 PROCESS CONTROL *(Required for type B & C Project Safety Plans)*

*This form should be used to conduct a hazard identification and risk assessment for the project. The project should be broken down into major work activities and a HIDRA worksheet completed for each activity. This risk assessment is to be conducted consultatively between the service provider/contractor and the SW Project Manager. Consult the attached Risk Assessment Matrix to determine ratings for consequence, likelihood and risk ranking. Activities that have a risk ranking of 1, 2 or 3 require a work method statement to be developed.*

#### Hazard Identification and Risk Assessment Worksheet<sup>1</sup>

Company:		Project:		Activity:		Date:
Tasks <i>List key tasks involved in the activity</i>	Hazards <i>Describe the hazard/s associated with each task</i>	Risk <i>What can happen? How can it happen?</i>	Consequence <i>Consult attached risk assessment matrix</i>	Likelihood <i>Consult attached risk assessment matrix</i>	Risk Rank <i>Consult attached risk assessment matrix</i>	Controls <i>Specify Controls to address identified risks</i>
See SWMS						

<sup>1</sup> The hazard identification and risk assessment tools provided in this pro forma are based on WorkCover's Hazpak.

## Attachment: Risk Assessment Matrix

<b>CONSEQUENCE OR IMPACT</b>  <i>What type of impact do you expect could result from exposure to this hazard?</i>	<b>LIKELIHOOD</b> <i>How often are people exposed to the hazard under assessment and how likely is it that these circumstances can and will lead to an accident?</i>			
	<b>Very Likely</b> The event could happen at any time.	<b>Likely</b> The event could happen sometime.	<b>Unlikely</b> The event could occur but very rarely	<b>Very Unlikely</b> The event could happen but probably never will.
<b>Catastrophic</b> <ul style="list-style-type: none"> <li>Death</li> <li>Toxic release off-site with detrimental effect</li> <li>Huge financial loss (eg over \$1 million).</li> </ul>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Major</b> <ul style="list-style-type: none"> <li>Extensive injuries</li> <li>Loss of production capability</li> <li>Off-site release with no detrimental effects</li> <li>Major financial loss (eg \$100,000 - \$1 million)</li> </ul>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Moderate</b> <ul style="list-style-type: none"> <li>Medical treatment required</li> <li>On-site release contained with outside assistance</li> <li>High financial loss (eg \$10,000- \$100,000)</li> </ul>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Minor</b> <ul style="list-style-type: none"> <li>First Aid treatment</li> <li>On-site release immediately contained</li> <li>Medium financial loss (eg \$1,000 - \$10,000).</li> </ul>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>Insignificant</b> <ul style="list-style-type: none"> <li>No injuries</li> <li>Low financial loss (eg less than \$1,000).</li> </ul>	<b>4</b>	<b>5</b>	<b>6</b>	<b>6</b>

#### 4 TRAINING *(Required for type B Project Safety Plans)*

*This form is to be completed by the service provider prior to any employee beginning work on site. Training qualifications shown in this form may be cross-referenced in Part 2 of Work Method Statements. All persons working on SW sites or projects must carry evidence they have been inducted. Where an employee already has a SW Induction Passport, the service provider must enter induction details into the Passport. Where a passport is not held by the employee a Sydney Water Induction Pass or alternative evidence of induction must be carried.*

#### Employee Training and Induction Register

Employee name <i>List all persons who will be involved in the work.</i>	Project Role and work to be performed by this person	Qualifications, competencies and experience	Project Induction completed <i>Enter date of induction and attach induction content.</i>	SW Induction Pass or Induction Pass Number <i>Where applicable</i>
Savuth Sorn	Asbestos Removal	Asbestos Removal and 4 years in the industry	On site	Yes
Wayne Bell	Asbestos Supervisor, Asbestos Removal, First Aid	Asbestos Supervisor, Asbestos Removal, First Aid and 12 years in the industry	On site	Yes

## 5 INCIDENT MANAGEMENT *(Required for type B Project Safety Plans)*

*This section is to be completed prior to works beginning on the contract. To be completed in consultation with subcontractors and the SW Project Manager.*

<b>General Incidents and Emergencies</b>			
<i>(eg. Emergency Services (000), Own Company Incident Manager, SW Project Manager, SW Site Manager, etc)</i>			
<b>Contact persons</b>		<b>Contact Numbers</b>	
Stephen Hickey		0411 6741 20	
Wayne Bell		0488 110 026	
<b>Specific Incidents and Emergencies</b>			
<b>Potential Incident or Emergency</b>	<b>Contact Person/s</b>	<b>Contact Number</b>	
<i>eg: gas pipe cut; electrical cable cut; trauma; notifiable injury; etc</i>	<i>eg AGL; Energy Australia; chaplains; WorkCover;</i>		
Snake Bit	Wayne Bell	0488110026	
Cuts	Wayne Bell	0488110026	
<b>First Aid</b>			
<b>First Aid Personnel</b>			
<b>Name</b>	<b>Contact Number</b>	<b>Certificate Number</b>	<b>Certifying organisation eg. St Johns Ambulance</b>
Wayne Bell	0488110026		Life Savers
<b>First Aid Kits</b>			
First Aid kits are available in the following locations for this project (refer to <i>First Aid Regulation</i> for information on necessary kits):			
Wayne Ute			

## 6 CONTROL OF OHS ISSUES *(Required for type B Project Safety Plans)*

### General

Describe how non-compliance with Work Method Statements or Site Safety Rules will be managed.

The site supervisor or the project manager will ensure that the SWMS is adhered to and the site supervisor is onsite and overseeing the works at all times.

### Multiple Site Safety Management

Site name	Site Supervision					Project Induction		
	<i>Indicate how site supervision will be managed for each site</i>							
	By regular inspection? Y/N	If yes, state frequency of inspections	Name of person responsible for inspections	By on-site supervision? Y/N	Name of person responsible for supervision	Person responsible for providing induction at each site	Site Safety Rules included Y/N	Content attached Y/N
Potts Point	N			Y	Wayne Bell	Wayne Bell	Y	Y
Beecroft	N			Y	Wayne Bell	Wayne Bell	Y	Y





# LICENCE

## FRIABLE ASBESTOS REMOVAL WORK

Issued under the Occupational Health and Safety  
(Asbestos Removal Work) Regulation 2001.

This licence is not transferable.

This licence or a copy thereof must be displayed  
at any place of work at which the holder carries on the business  
of asbestos removal work as defined by the Regulation.

Licence Number : 202713AS1

Period of Licence

From : 19 June 2007  
To : 19 June 2009

Contractor Name : RMA DEMOLITIONS PTY LTD  
Trading Name : ROSS MITCHELL & ASSOCIATES  
A.C.N. : 092 116 704  
Address : LOCKED BAG 3666  
DRUMMOYNE NSW 2047



## CERTIFICATE OF CURRENCY

This is to confirm that this Insurance Contract is current unless subsequently cancelled and subject at all times to the terms, conditions and exclusions of this Policy.

**NAME OF INSURED:** Ross Mitchell Holdings Pty Ltd, RMA Demolitions Pty Limited T/as Ross Mitchell and Associates, Allied Environmental Solutions, RMA QLD Pty Ltd

**INSURER:** 100% underwritten by certain underwriters at Lloyd's

**POLICY TYPE:** Public and Products Liability

**SITUATION:** Worldwide excluding USA/Canada

**POLICY NUMBER:** XO029570X/8894

**PERIOD OF INSURANCE:** 19<sup>th</sup> February 2009 to 19<sup>th</sup> February 2010

**BUSINESS DESCRIPTION:** Principally Demolition, Earthmoving, Excavation, Shoring and Underpinning, Waste Management and Recycling, Site Remediation, Asbestos Removal and Property Owners/Occupiers and Associated Activities

**INTEREST INSURED:** The Insured's legal liability to third parties to pay compensation in respect of death, illness, personal injury and/or property damage occurring during the period of insurance as a result of an occurrence and happening in connection with the business.

**LIMITS OF LIABILITY:**

<b>Public Liability</b>	<b>\$10,000,000</b>
In respect of any one occurrence or series of occurrences arising out of the one event during the period of insurance.	
<b>Products Liability</b>	<b>\$10,000,000</b>
In respect of any one occurrence or series of occurrences arising out of one event and in the aggregate during the period of insurance.	
<b>Asbestos Liability</b>	<b>\$10,000,000</b>
In respect of any one occurrence or series of occurrences arising out of one event and in the aggregate during the period of insurance.	
Property in the Physical or Legal Control of Insured	<b>\$250,000</b>

Signed

Dated

20 February 2009

STERLING INSURANCE PTY LIMITED.

AFSL 237880 ABN 12 084 296 168

Level 8, 33 Berry St, North Sydney, NSW 2060. PO Box 286, North Sydney, NSW 2059. P 02 9950 4000 F 02 9950 4001

WWW.STERLINGINSURANCE.COM.AU



# Employers Mutual

Since 1910

## CERTIFICATE OF CURRENCY

Employers Mutual NSW Limited

Level 3, 345 George Street  
Sydney NSW 2000

GPO Box 4143  
Sydney NSW 2001

DX 10175  
Sydney Stock Exchange

P: 02 8251 9000

P: 1800 469 931 (toll free)

F: 02 8251 9495 Claims

F: 02 8251 9496 Underwriting

RMA DEMOLITIONS PTY LTD  
LOCKED BAG 3666  
DRUMMOYNE NSW 2047

Dear Sir/Madam,

### 1. STATEMENT OF COVERAGE

The following policy of insurance covers the full amount of the employer's liability under the Workers Compensation Act 1987.

**This Certificate is valid from** **30/06/08** to **30/06/09**

The information provided in this Certificate of Currency is correct at: **10/07/08**

### 2. EMPLOYERS INFORMATION

POLICY NUMBER 98587016  
LEGAL NAME RMA DEMOLITIONS PTY LTD  
TRADING NAME RMA DEMOLITIONS PTY LTD  
ABN 28 092 116 704  
ACN 092 116 704

WorkCover Industry Classification number (WIC)	Industry	Numbers of Workers+	Wages*
421020	SITE PREPARATION	10	\$500,000
421010	DEMOLITION	30	\$3,500,000

+ Number of workers includes contractors/deemed workers

\* Total wages estimated for the current period

### 3. IMPORTANT INFORMATION

Principals relying on this certificate should ensure it is accompanied by a statement under *section 175B* of the *Workers Compensation Act 1987*. 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,

Underwriting DepartmentEmployers Mutual



uw032