

TRAKONDY



Asbestos and Hazardous Materials Pty Ltd

Asbestos Close Out Report

YFD02310 – Independent Asbestos Assessor Service for
ACM Removal Works

Lot 397 Wurrumiyanga, Northern Territory, 0822

Asbestos Removal Works 19th – 21st August 2024



Prepared For: Mr Marco Sperti, Department of Infrastructure, Planning and Logistics

Prepared By: Rex Coleman of Trakondy

Approved By: Mark Kondakov of Trakondy

Reference Number: P766_v1.0

Trakondy Asbestos and Hazardous Materials Pty Ltd
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Summary of Works Undertaken

Trakondy Asbestos and Hazardous Materials Pty Ltd (Trakondy) was engaged by the Department of Infrastructure, Planning and Logistics (DIPL) (“the client”) to conduct **asbestos airborne fibre monitoring, and asbestos clearance inspections** whilst project works associated with Project YFD02310 were being conducted at the **Northern Territory Government Centre, Lot 397 Wurrumiyanga, Northern Territory, 0822** to remove the known asbestos containing materials within the project scope of works.

The asbestos removal works were conducted over the period Monday 19th – Wednesday 21st August 2024.

Trakondy understands that ANT were engaged to undertake the asbestos removal works for Project YFD02310 which included removing the following asbestos containing materials:

- Suspended ceiling tiles;
- Internal wall linings (infill panels); and
- External wall linings (infill panels).

The Asbestos Clearance Certificates details that the asbestos containing materials detailed within the scope of works were satisfactorily removed in accordance with the approved scope of works. The site’s asbestos register should be updated to reflect the asbestos removal works undertaken.

DIPL engaged Trakondy to undertake asbestos airborne fibre monitoring and to conduct the asbestos clearance inspections and provide an asbestos clearance certificate for the works conducted at the site.

Airborne fibre monitoring was conducted throughout the works to measure the effectiveness of the implemented controls, and all the airborne fibre monitoring results were found to be 0.01 fibres/millilitre or less, which is below the normal background levels.

1.0 Project Scope

Trakondy understands that ANT Asbestos Solutions was engaged by SHBuild, who in turn were engaged by DIPL who commissioned Project YFD02310 which was conducted at the Northern Territory Government Centre, Lot 397 Wurrumiyanga, Northern Territory, 0822. SHBuild as the principal contractor managed the project works and engaged ANT to undertake the asbestos removal works. ANT is a licensed asbestos removal company, licensed to undertake the asbestos removal works associated with this project, which were assessed as being “B” Class (Non-Friable) Asbestos Removal Works.

DIPL directly engaged Trakondy as the independent Northern Territory Licensed Asbestos Assessor to undertake asbestos airborne fibre monitoring, conduct asbestos clearance inspections, provision of asbestos clearance certificates, and to provide any required technical subject matter advice, along with providing this Asbestos Close Out Report.

2.0 Project Location and Site Description

The project's scope of works is the refurbishment of the Northern Territory Government Centre located at **Lot 397, Wurruminyanga, Northern Territory, 0822** (Figure 1-4). The asbestos removal specific scope of works for the project was the removal of the following asbestos containing materials:

- Suspended ceiling tiles;
- Internal wall linings (infill panels); and
- External wall linings (infill panels).

It is unknown when this building was constructed, however it is evident, that it was constructed during a period when asbestos containing materials were still available and being used in construction activities. Previous asbestos inspections of the building revealed the identified cement sheet ceiling tiles and wall linings (internal and external) within sections of the facility affected by Project YFD02310 works.

Figure 1 – Aerial Image – Lot 397, Wurruminyanga NT 0822



Image courtesy of Google Maps

Figure 2 – Aerial Image – Lot 397, Wurruminyanga NT 0822

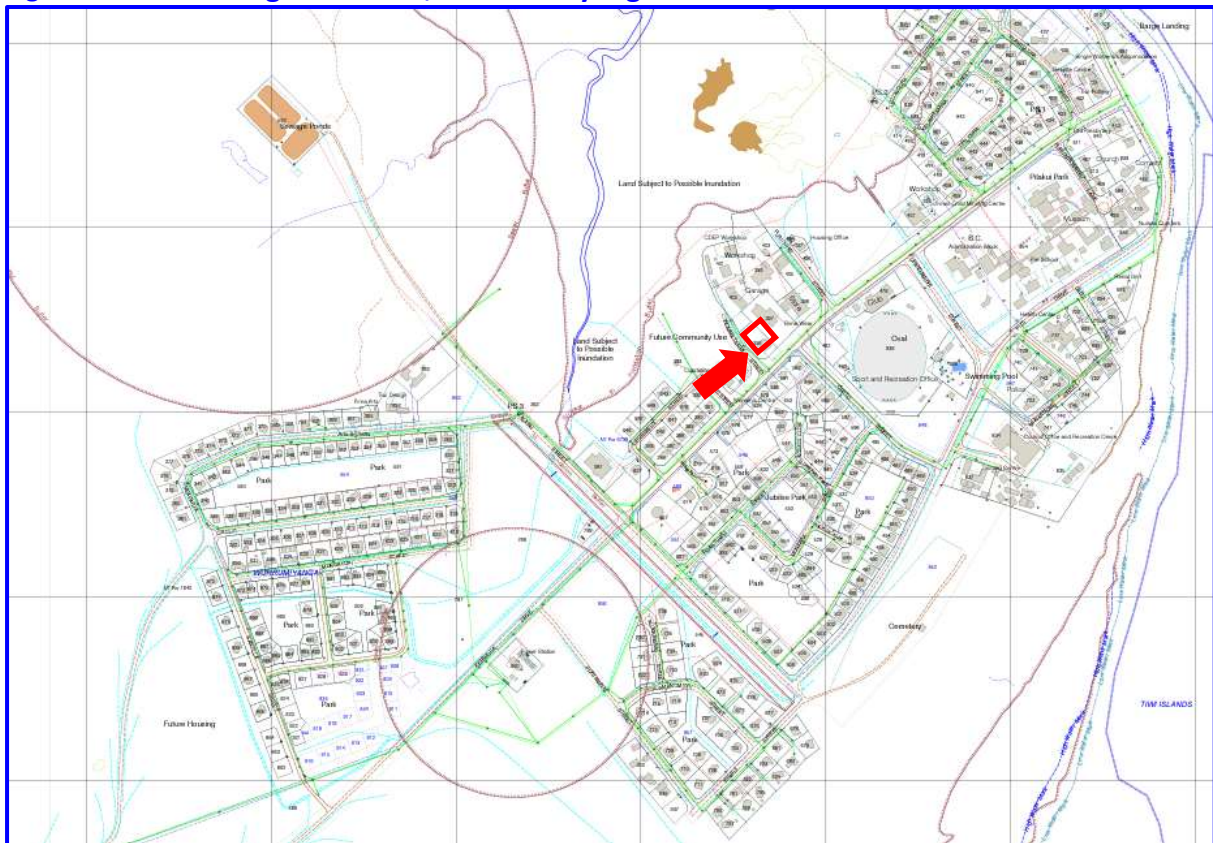


Image courtesy of [chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.ntlis.nt.gov.au/hpa-services/slapmaps?community_id=400](https://www.ntlis.nt.gov.au/hpa-services/slapmaps?community_id=400)

Figure 3 – Aerial Image – Lot 397, Wurruminyanga NT 0822



Image courtesy of DIPL Scope of Works

Figure 4 – Building Drawing – Lot 397, Wurruminyanga NT 0822

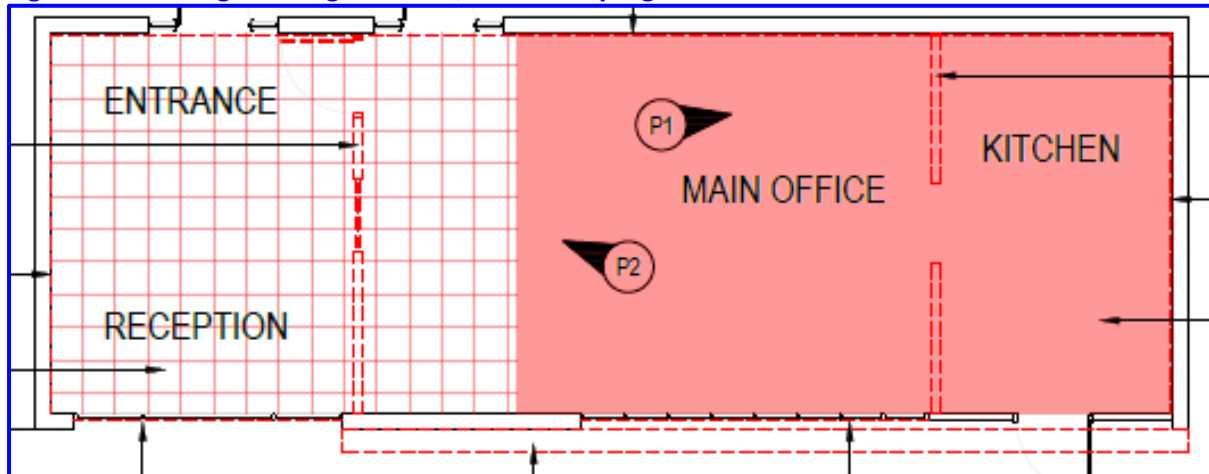


Image courtesy of DIPL Scope of Works

3.0 Asbestos Removal Methodology and Notifications

3.1 Asbestos Removal Methodology

The asbestos removal methodology is documented in the ANT asbestos removal control plan in detail, along with the ANT and SHBuild project documentation and includes, but is not limited to:

- barricade and isolate work area;
- install signage;
- set up dry decontamination area which will be the only access and egress points for suitably qualified people to the work area;
- set up air monitoring stations;
- don relevant asbestos removal PPE;
- remove and wrap asbestos products in accordance with the Work Health and Safety (National Uniform Legislation) Act 2011 (the WHS Act) and the Code of Practice for the safe removal of asbestos;
- vacuum and wet wipe the work area and tools;
- remove and wrap used disposable PPE;
- remove dry decontamination area;
- remove air monitoring stations;
- remove signage;
- remove barricade to work area; and
- dispose of the contaminated products at the Shoal Bay Waste Management Facility – asbestos area.

3.2 Asbestos Removal Notification

In accordance with the legislative requirements, notification, and acknowledgement of the notification to conduct asbestos related works is required to be sent to and received from the Regulator. ANT submitted the required notification to NTWorksafe and received the required acknowledgement to allow works to proceed.

4.0 Objectives of Asbestos Controls Implemented

The aim of the controls implemented for this project in relation to the asbestos was to:

- ensure compliance with all asbestos related statutory and regulatory requirements;
- ensure the health and safety of all parties that may encounter or be around any suspected and/or confirmed asbestos at that site, or immediately adjoining the site;
- ensure roles and responsibilities of all key stakeholders are clear, concise and understood;
- assess the effectiveness of control measures through airborne asbestos fibre monitoring; and
- ensure that the site remains a restricted access site, until such time as an asbestos clearance certificate is provided.

5.0 Deliverables

5.1 Licensed Asbestos Assessor

Trakondy as the NT Licensed Asbestos Assessor was responsible for the following documentation associated with this project, and is attached to this Asbestos Close out Report:

5.1.1 Airborne Fibre Monitoring

- Airborne Fibre Monitoring Report - P766.1 – Asbestos Containing Cement Sheet Removal - Internally and Externally of Building - Lot 397, Wurruminyanga, Northern Territory 0822– Monday 19 August 2024;
- Airborne Fibre Monitoring Report - P766.2 – Asbestos Containing Cement Sheet Removal - Internally and Externally of Building - Lot 397, Wurruminyanga, Northern Territory 0822– Tuesday 20 August 2024; and
- Airborne Fibre Monitoring Report - P766.3 – Asbestos Containing Cement Sheet Removal - Internally and Externally of Building - Lot 397, Wurruminyanga, Northern Territory 0822– Tuesday 20 August 2024.

5.1.2 Asbestos Clearance Certificates

- Asbestos Clearance Certificate – P766 – Asbestos Containing Cement Sheet Removal - Internally and Externally of Building - Lot 397, Wurruminyanga, Northern Territory 0822 – Wednesday 21 August 2024.

5.2 Licensed Asbestos Removalist

ANT as the Licensed Asbestos Removalist was responsible for the work zone management, remediation works, and disposal of the asbestos contaminated waste and some of their specified duties included, but are not limited to:

- ensuring an asbestos removalist supervisor is readily available or present when the work is being carried out;
- providing appropriate training and ensuring the asbestos removal workers have undertaken the relevant units of competency associated with the asbestos removal;
- telling various parties about the asbestos removal and providing them with appropriate information;
- obtaining the workplace's asbestos register;
- preparing an asbestos removal control plan;
- notifying the regulator about the work before it starts;
- displaying signs and installing barricades in the asbestos work area;
- limiting access to the asbestos work area;
- ensuring appropriate decontamination facilities are in place; and
- ensuring waste containment and disposal procedures are in place.




6.0 Legislative Requirements

This section presents a summary of the relevant legislation, regulations, and codes of practice that are applicable when asbestos is suspected or confirmed as being present and is being remediated:

- NT Work Health and Safety Act 2011;
- NT Work Health and Safety Regulations 2011;
- NT Worksafe - How to Safely Remove Asbestos – Code of Practice;
- NT Worksafe - How to Manage and Control Asbestos in the Workplace – Code of Practice;
- AS 1319, Standards Association of Australia, Rules for the Design and Use of Safety Signs for the Occupational Environment;
- AS 1715, Standards Association of Australia, Selection, Use and Maintenance of Respiratory Protective Devices;
- AS 1716, Standards Association of Australia, Respiratory Protective Devices; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

Appendix A - Asbestos Clearance Certificates

**Asbestos Clearance Certificate – P766 – Asbestos Containing Cement Sheet Removal
 Internally and Externally of Building
 Lot 397, Wurruminyanga, Northern Territory 0822**

Site Name/Type:	Northern Territory Government	
Site Address: Suburb & State:	Northern Territory Government Centre Lot 397 Wurruminyanga Northern Territory 0822	
Inspection Date:	Wednesday, 21 August 2024	
Client:	DIPL Marco Sperti DarwinIC.ProjectAdministrationDIPL@nt.gov.au	
Asbestos Removalist, Supervisor & Email:	ANT Asbestos Solutions Chris Power chris.p@a-n-t.com.au	
Licensed Asbestos Assessor:	Rex Coleman Licensed Asbestos Assessor Asbestos Assessor NTWS-AA-480583	
Trakondy Project Manager:	Mark Kondakov Licensed Asbestos Assessor Licence No: NTWS-AA-456703	
Description of Works Undertaken:	Removal of asbestos containing cement sheet internal wall linings, suspended ceiling tiles and external wall lining in Lot 397, Wurruminyanga as per the approved scope of works.	
Limitations / Comments:	This Asbestos Clearance Certificate applies to the removal of the above detailed asbestos containing cement sheet and suspended ceiling tiles only. Other asbestos containing materials may remain within the site, as this inspection was based on the approved scope of works only – which was the removal the small section of the asbestos containing cement sheet detailed above.	
Asbestos Register:	The sites asbestos register/project files should be updated to reflect the works undertaken as detailed within this clearance certificate.	

At the time the visual inspection (detailed above) was conducted, there was no visual asbestos residue/debris from asbestos removal work in the work area, in the immediate vicinity of the work area, or in the waste transit route where the work was carried out.

This **visual inspection** along with asbestos airborne fibre monitoring confirms that the area described above is **fit for re-occupation**.

For any further information, please do not hesitate to contact the undersigned on 0452 608 041 or Mark Kondakov on 0400 260 483 or mark@trakondy.com.au

Yours Sincerely



Rex Coleman
Licensed Asbestos Assessor
Asbestos Assessor (NTWS-AA-480583)
Trakondy Asbestos and Hazardous Materials Pty Ltd
21 August 2024

Reviewed and Approved By



Mark Kondakov
Licensed Asbestos Assessor /
Principal Hazardous Materials Consultant
Managing Director
Trakondy Asbestos and Hazardous Materials Pty Ltd
21 August 2024

Location of Works

Figure 1 - Aerial Image – Lot 397, Wurruminyanga NT 0822



Image courtesy of Google Maps



Figure 2 - Aerial Image – Lot 397, Wurruminyanga NT 0822



Image courtesy of Google Maps

Appendix B - Asbestos Airborne Fibre Monitoring Reports

**Asbestos Airborne Fibre Monitoring Report – P766.1 – Asbestos Containing Cement Sheet Removal Internally and Externally of Building
Lot 397, Wurruminyanga, Northern Territory 0822**

Site Name/Type:	Northern Territory Government	 
Site Address: Suburb: State:	Northern Territory Government Centre Lot 397 Wurruminyanga Northern Territory 0822	
Monitoring Type:	Control Monitoring	
Monitoring Date:	Monday, 19 August 2024	
Client:	DIPL Marco Sperti DarwinIC.ProjectAdministrationDIPL@nt.gov.au	
Asbestos Removalist, Supervisor & Email:	ANT Asbestos Solutions Chris Power chris.p@a-n-t.com.au	
Licensed Asbestos Assessor:	Rex Coleman Licensed Asbestos Assessor Asbestos Assessor NTWS-AA-480583	
Trakondy Project Manager:	Mark Kondakov Licensed Asbestos Assessor Licence No: NTWS-AA-456703	
Works Undertaken:	Control asbestos airborne fibre monitoring during the removal of the asbestos containing cement sheet internal wall linings, suspended ceiling tiles and external wall lining in Lot 397 Wurruminyanga as per the approved scope of works.	
Test Method:	Guidance Note on the Membrane Filter Method for Estimating of Airborne Asbestos Fibres [NOHSC:3003(2005)].	

Sample No:	Pump No:	Filter Size (mm):	Sample Locations:	Start Time:	Finish Time:	Average Flow Rate (ml/min):	Volume of Air Sampled (L):	Asbestos Airborne Fibre Concentration (per ml):	
P766.1_S1	704	25	Southern Entrance of the Building	09:49	16:47	1,500	627	<0.01	
P766.1_S2	705	25	Northern Entrance of the Building	09:51	16:52	1,500	631.5	0.01	
P766.1_S3	N/A	25	Quality control field blank	0 Fibres Counted Per 100 Fields					

Control airborne asbestos fibre monitoring was conducted as part of the project works and the airborne asbestos fibre level was less than 0.01 fibres per ml.

For any further information, please do not hesitate to contact the undersigned or Mark Kondakov on 0400 260 483 or mark.kondakov@outlook.com

Yours Sincerely



Rex Coleman

Licensed Asbestos Assessor /
Administration Officer

Trakondy Asbestos and Hazardous Materials Pty Ltd
20 August 2024

Reviewed and Approved By



Mark Kondakov

Licensed Asbestos Assessor /
Principal Hazardous Materials Consultant
Managing Director

Trakondy Asbestos and Hazardous Materials Pty Ltd
20 August 2024

Location of Works

Figure 1 – Work Location – Lot 397, Wurrumiyanga NT 0822



Image courtesy of Google Maps

Figure 2 – Control Asbestos Airborne Fibre Monitoring Locations and Work Zone(s)

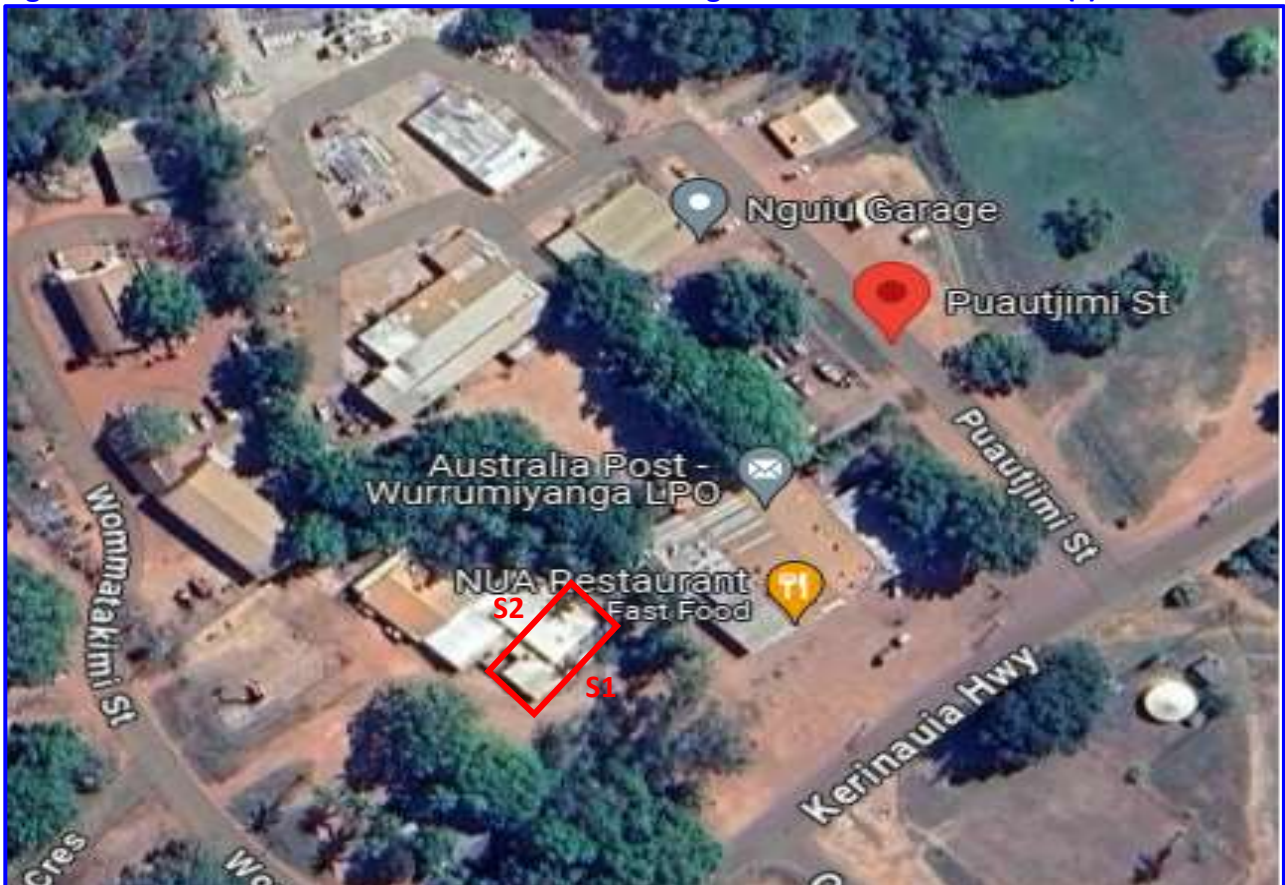




Image courtesy of Google Maps

Asbestos Airborne Fibre Monitoring Report – P766.2 – Asbestos Containing Cement Sheet Removal Internally and Externally of Building Lot 397, Wurruminyanga, Northern Territory 0822

Site Name/Type:	Northern Territory Government	
Site Address: Suburb: State:	Northern Territory Government Centre Lot 397 Wurruminyanga Northern Territory 0822	
Monitoring Type:	Control Monitoring	
Monitoring Date:	Tuesday, 20 August 2024	
Client:	DIPL Marco Sperti DarwinIC.ProjectAdministrationDIPL@nt.gov.au	
Asbestos Removalist, Supervisor & Email:	ANT Asbestos Solutions Chris Power chris.p@a-n-t.com.au	
Licensed Asbestos Assessor:	Rex Coleman Licensed Asbestos Assessor Asbestos Assessor NTWS-AA-480583	
Trakondy Project Manager:	Mark Kondakov Licensed Asbestos Assessor Licence No: NTWS-AA-456703	
Works Undertaken:	Control asbestos airborne fibre monitoring during the removal of the asbestos containing cement sheet internal wall linings, suspended ceiling tiles and external wall lining in Lot 397 Wurruminyanga as per the approved scope of works.	
Test Method:	Guidance Note on the Membrane Filter Method for Estimating of Airborne Asbestos Fibres [NOHSC:3003(2005)]	

Sample No:	Pump No:	Filter Size (mm):	Sample Locations:	Start Time:	Finish Time:	Average Flow Rate (ml/min):	Volume of Air Sampled (L):	Asbestos Airborne Fibre Concentration (per ml):
P766.2_S4	704	25	Southern Entrance of the Building	06:45	14:06	1,500	661.5	<0.01
P766.2_S5	705	25	Northern Entrance of the Building	06:48	14:09	1,500	661.5	<0.01
P766.2_S6	N/A	25	Quality control field blank	0 Fibres Counted Per 100 Fields				

Control airborne asbestos fibre monitoring was conducted as part of the project works and the airborne asbestos fibre level was less than 0.01 fibres per ml.

For any further information, please do not hesitate to contact the undersigned or Mark Kondakov on 0400 260 483 or mark.kondakov@outlook.com

Yours Sincerely



Rex Coleman

Licensed Asbestos Assessor /
Administration Officer

Trakondy Asbestos and Hazardous Materials Pty Ltd
21 August 2024

Reviewed and Approved By



Mark Kondakov

Licensed Asbestos Assessor /
Principal Hazardous Materials Consultant
Managing Director

Trakondy Asbestos and Hazardous Materials Pty Ltd
21 August 2024

Location of Works

Figure 1 – Work Location – Lot 397, Wurruminyanga NT 0822



Image courtesy of Google Maps

Figure 2 – Control Asbestos Airborne Fibre Monitoring Locations and Work Zone(s)

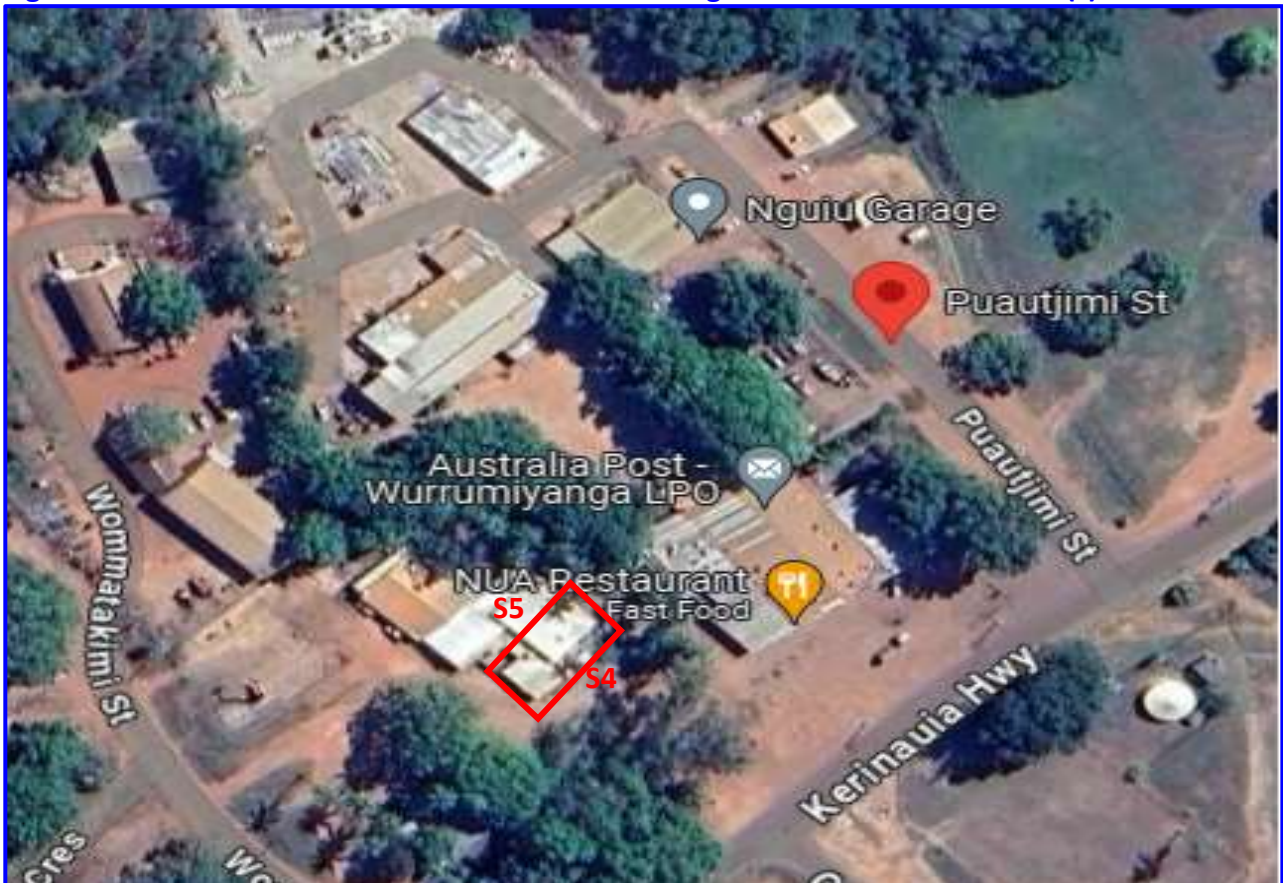




Image courtesy of Google Maps

Asbestos Airborne Fibre Monitoring Report – P766.3 – Asbestos Containing Cement Sheet Removal Internally and Externally of Building Lot 397, Wurrumiyanga, Northern Territory 0822

Site Name/Type:	Northern Territory Government	 
Site Address:	Northern Territory Government	
Suburb:	Centre	
State:	Lot 397	
Monitoring Type:	Wurrumiyanga	
Monitoring Date:	Northern Territory 0822	
Client:	Clearance Monitoring	
Client:	DIPL Marco Sperti DarwinIIC.ProjectAdministrationDIPL@nt.gov.au	
Asbestos Removalist, Supervisor & Email:	ANT Asbestos Solutions Chris Power chris.p@a-n-t.com.au	
Licensed Asbestos Assessor:	Rex Coleman Licensed Asbestos Assessor Asbestos Assessor NTWS-AA-480583	
Trakondy Project Manager:	Mark Kondakov Licensed Asbestos Assessor Licence No: NTWS-AA-456703	
Works Undertaken:	Clearance asbestos airborne fibre monitoring post the removal of the asbestos containing cement sheet internal wall linings, suspended ceiling tiles and external wall lining in Lot 397 Wurrumiyanga as per the approved scope of works..	
Test Method:	Guidance Note on the Membrane Filter Method for Estimating of Airborne Asbestos Fibres [NOHSC:3003(2005)]	

Sample No:	Pump No:	Filter Size (mm):	Sample Locations:	Start Time:	Finish Time:	Average Flow Rate (ml/min):	Volume of Air Sampled (L):	Asbestos Airborne Fibre Concentration (per ml):
P766.3_S7	704	25	Eastern Side of Internal Building	15:16	17:18	3,500	427	<0.01
P766.3_S8	705	25	Western Side of Internal Building	15:17	17:19	3,500	427	<0.01
P766.3_S9	706	25	Southern Side of External of the Building	15:18	17:20	3,500	427	<0.01
P766.3_S11	706	25	Northern Side of External of the Building	17:24	19:28	3,500	434	<0.01
P766.3_S10	N/A	25	Quality control field blank	0 Fibres Counted Per 100 Fields				

Clearance airborne asbestos fibre monitoring was conducted as part of the project works and the airborne asbestos fibre level was less than 0.01 fibres per ml.

For any further information, please do not hesitate to contact the undersigned or Mark Kondakov on 0400 260 483 or mark.kondakov@outlook.com

Yours Sincerely



Rex Coleman
Licensed Asbestos Assessor /
Administration Officer
Trakondy Asbestos and Hazardous Materials Pty Ltd
21 August 2024

Reviewed and Approved By



Mark Kondakov
Licensed Asbestos Assessor /
Principal Hazardous Materials Consultant
Managing Director
Trakondy Asbestos and Hazardous Materials Pty Ltd
21 August 2024

Location of Works

Figure 1 – Work Location – Lot 397, Wurrumiyanga NT 0822



Image courtesy of Google Maps

Figure 2 – Clearance Asbestos Airborne Fibre Monitoring Locations and Work Zone(s)

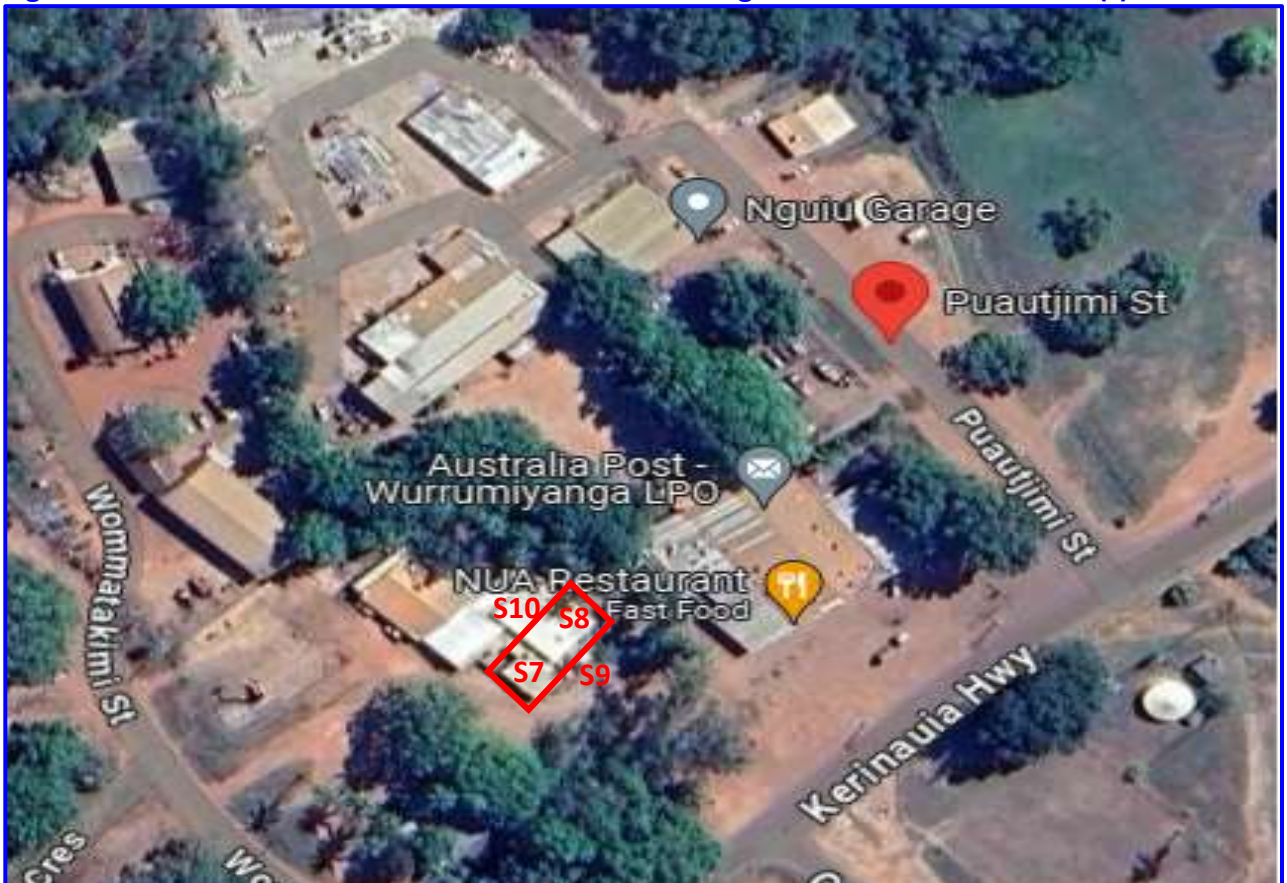


Image courtesy of Google Maps

Appendix C – Trakondy Asbestos Assessor Licences

Asbestos Assessor Licence

**Work Health and Safety (National Uniform Legislation) Act 2011 and
Work Health and Safety (National Uniform Legislation) Regulation 2011**

Issued under Regulation 497

Licence Number:	NTWS-AA-480583
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Grant Date:	22/01/2024	Expiry Date:	21/01/2029
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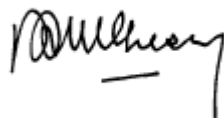
Asbestos Assessor Licence Holder Name:
--

REX D'ARTAGNON COLEMAN

is licensed under the Work Health and Safety (National Uniform Legislation) Regulations and authorises the licence holder to operate as an Asbestos Assessor to carry out the following:

- | |
|--|
| <ul style="list-style-type: none">(a) air monitoring during class A asbestos removal work;(b) clearance inspections for Class A asbestos removal work;(c) issuing clearance certificates in relation to Class A asbestos removal work. |
|--|

Regulator Signature:



Regulator Name:

Peggy Cheong

Date: 22/01/2024

Asbestos Assessor Licence

*Work Health and Safety (National Uniform Legislation) Act 2011 and
Work Health and Safety (National Uniform Legislation) Regulation 2011*

Issued under Regulation 497

Licence Number:	NTWS-AA-456703
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Grant Date:	05/11/2020	Expiry Date:	04/11/2025
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Asbestos Assessor Licence Holder Name:
Mark Kondakov

is licensed under the Work Health and Safety (National Uniform Legislation) Regulations and authorises the licence holder to operate as an Asbestos Assessor to carry out the following:

- | |
|--|
| <ul style="list-style-type: none">(a) air monitoring during class A asbestos removal work;(b) clearance inspections for Class A asbestos removal work;(c) issuing clearance certificates in relation to Class A asbestos removal work. |
|--|

Regulator Signature:



Regulator Name:

Amanda de Vries

Date:

5/11/2020