

Unit 11 Winnellie Central 14 Winnellie Road Winnellie NT 0820 (08) 7906 1300 www.greencap.com.au



# ASBESTOS REGISTER UPDATE



DATE: NOVEMBER 2018

SITE REFERENCE:

NT0557a

**OUR REFERENCE:** 

C110813: J159257

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The Report is provided for the exclusive use of the Client and for this Project only, in accordance with the Scope and Specific Purposes outlined in the Agreement, and only those third parties who have been authorized in writing by Greencap. It should not be used for other purposes, other projects or by a third party unless otherwise agreed and authorized in writing by Greencap. Any person relying upon this Report beyond its exclusive use and Specific Purpose, and without the express written consent of Greencap, does so entirely at their own risk and without recourse to Greencap for any loss, liability or damage, rosts or expenses arising from interpretations or conclusions made by others, or use of the Report by a third party. Except as specifically agreed by Greencap in writing, it does not authorize the use of this Report by any third party. It is the responsibility of third parties to independently make inquiries or seek advice in relation to their particular requirements and proposed use of the site.

The conclusions, or data referred to in this Report, should not be used as part of a specification for a project without review and written agreement by Greencap. This Report has been written as advice and opinion, rather than with the purpose of specifying instructions for design or redevelopment. Greencap does not purport to recommend or induce a decision to make (or not make) any purchase, disposal, investment, divestment, financial commitment or otherwise in relation to the site it investigated.

This Report should be read in whole and should not be copied in part or altered. The Report as a whole set outs the findings of the investigations. No responsibility is accepted by Greencap for use of parts of the Report in the absence (or out of context) of the balance of the Report.



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23/11/2018 REPORT PREPARED BY 26/11/2018
REPORT REVIEWED BY

26/11/2018
REPORT AUTHORISED BY

DARREN KENNY Hazardous Materials Consultant KARIN THOMSON
Property Risk Consultant

KARIN THOMSON
Property Risk Consultant



## Introduction

This report presents the findings of an Asbestos Register Update conducted for Pagemartin Pty Ltd located at 10 Pavonia Place, Nightcliff NT 0812. The risk assessment was performed by Darren Kenny on 23/11/2018. This report updates the previous asbestos register that was prepared by AEC Environmental in June 2013. (Report Number NT0557a)

This report was performed in accordance with:

- How to Manage and Control Asbestos in the Workplace: Code of Practice (December 2011)
- NT Work Health & Safety Regulation 2011

# **Scope of Works**

The scope of works for this project was as follows:

- Take photographs of suspected asbestos-containing materials
- Inspect representative and accessible areas of the site to re-assess previously identified asbestos materials
- · Identify the likelihood of asbestos in inaccessible areas
- · Assess the current condition of asbestos-containing materials at the site
- Assess the risks posed by the asbestos-containing materials
- · Compile an up-dated asbestos materials register for the site
- · Recommend control measures and actions necessary to manage any asbestos related risks
- · Collect samples of suspected asbestos-containing materials
- Review previous asbestos documentation provided to identify evidence and records of any asbestos removal and audits undertaken at the site

Refer to Methodology for full details.

## Site Asbestos Risk Profile

The following table provides a summary of the Asbestos Risk Assessment for the site; item-specific findings are presented in the Asbestos Register.

Building / Level	Num	ber of Items by Risk I	Rating
	High	Medium	Low
Nightcliff Police Station - Ground Level	0	0	14
Nightcliff Police Station - Level 1	0	0	0
Tota	al O	0	14

# Summary of Identified Items

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The following table provides a general overview of the types of Asbestos identified on site; specific findings are presented in the Asbestos Register.

Building / Level	Asbestos						
	Friable	Non Friable					
Nightcliff Police Station - Ground Level	YES	YES					
Nightcliff Police Station - Level 1							

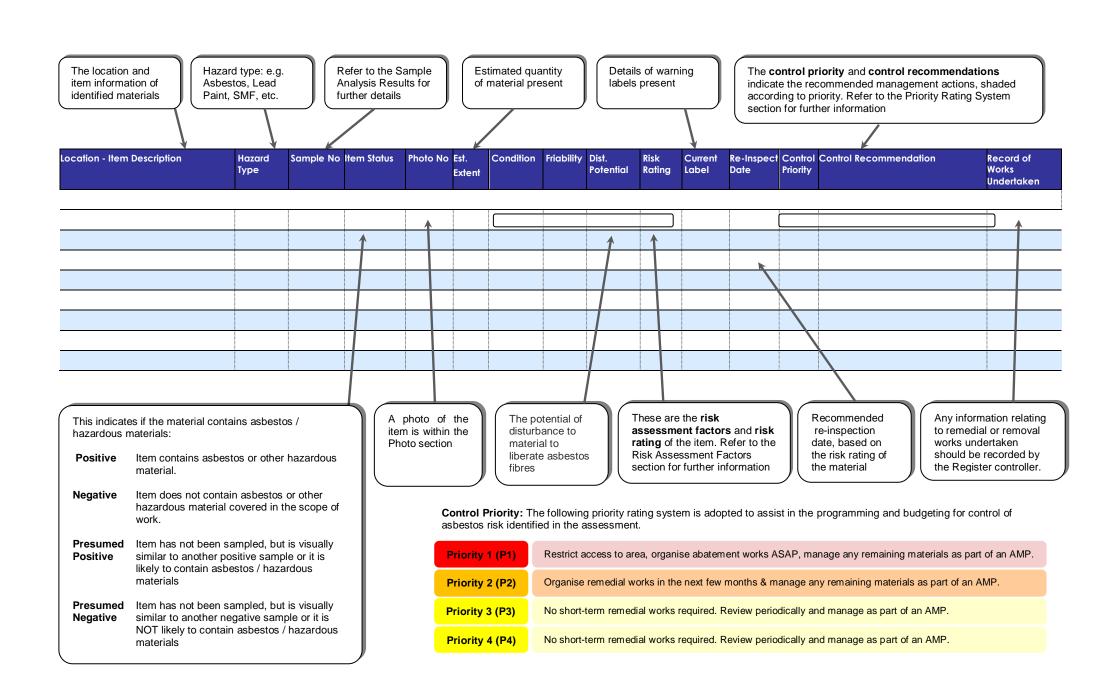


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### Recommendations

- Schedule periodic re-assessments of the asbestos-containing materials remaining in-situ to monitor their condition in accordance with the Code of Practice.
- Develop an Asbestos Management Plan (AMP) for asbestos materials remaining in-situ in accordance with the requirements of the Code of Practice.
- Provide Asbestos Awareness training to staff and site personnel in accordance with the requirements of the Code of Practice.
- Consult with staff and health and safety representatives on the findings of this risk assessment and this report must be made available upon request, in accordance with the requirements of the Code of Practice.
- Ensure all asbestos-containing materials remaining in-situ are labelled appropriately to warn of the dangers of disturbing these materials, in accordance with the requirements of the Code of Practice.
- Prior to demolition/refurbishment works undertake a destructive hazardous materials survey of the premises as per the requirements of AS 2601: 2001 The Demolition of Structures, Part 1.6.1 and Demolition Work Code of Practice (Safe Work Australia, Feb 2016).
- Should any personnel come across any suspected asbestos material or materials unknown to them, work should cease immediately in the affected areas until further sampling and investigation is performed.
- Areas highlighted in the Areas Not Accessed section as areas of 'no access' should be presumed to contain asbestos. Appropriate management planning should be implemented in order to control access to and maintenance activities in these areas, until such a time as they can be inspected and the presence or absence of asbestos-containing materials can be confirmed.
- Greencap can assist with the implementation of any of the above recommendations.





	Site De	etails						Bui	lding Details	;				Au	dit Details
Full Address: 10 Pavonia Place		lace, Nightcliff NT 0812		Buil	Iding Name:	Nigh	tcliff Police S	Station	Numl	per of Levels:	2			Survey Date:	23-11-2018
Prop	erty ID: NT0557a			Est.	Building Size:	770r	n²		Est. E	Building Age:	Circa	1960's		Inspected By:	Darren Kenny
Clien	t Name: Pagemartin Pty Ltd			Roc	of Type:	Meta	al		Cons	truction Type	e: Brick a	nd Metal		Company:	Greencap
lo.	Location - Item Description	Hazard Type	Sample No.	Item Status	Photo No.	Est. Extent	Condition	Friability	Dist. Potential		Current Label	Reinspect Date	Control Priority	Control Recommendation	Record of Works Undertaken
light	cliff Police Station - Interior - Ground L	.evel													
	Major Crash Office - South Wall Lining - Fibre Cement Sheeting	Asbestos	Previously Sampled AEC 5-2013	Previously Sampled Positive	J159257-NT05 57a-Photo002	30 m²	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition label and incorporate into ar AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
	Major Crash Office - Throughout Floor - Adhesive - Under Existing Carpet Tiles	Asbestos	Previously Sampled AEC As Per 1-2013	Previously Sampled Positive	J159257-NT05 57a-Photo005 J159257-NT05 57a-Photo004	70 m²	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
	Office Area - Throughout Floor - Adhesive - Includes Cloak Room & Armoury	Asbestos	Previously Sampled AEC 1-2013	Previously Sampled Positive	J159257-NT05 57a-Photo013 J159257-NT05 57a-Photo014		Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
	Conference Room - Throughout Floor - Adhesive - Under Existing Carpet Tiles	Asbestos	Previously Sampled AEC As Per 1-2013	Previously Sampled Positive	J159257-NT05 57a-Photo006 J159257-NT05 57a-Photo007	70 m²	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
	Compactus Room - Throughout Floor - Adhesive - Under Existing Carpet Tiles & Vinyl Tiles	Asbestos	Previously Sampled AEC As Per 1-2013	Previously Sampled Positive	J159257-NT05 57a-Photo017	10 m <sup>2</sup>	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
	Compactus Room - Throughout Floor Covering - Vinyl Tiles - Under Existing Carpet Tiles	Asbestos	J159257-NT0557a- 001	Positive	J159257-NT05 57a-Photo008	10 m <sup>2</sup>	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
	Locker Room - Throughout Floor - Adhesive - Under Existing Carpet Tiles & Vinyl Tiles	Asbestos	Previously Sampled AEC As Per 1-2013	Previously Sampled Positive	J159257-NT05 57a-Photo016	10 m²	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
	Locker Room - Throughout Floor Covering - Vinyl Tiles - Under Existing Carpet Tiles	Asbestos	Similar To: J159257-NT0557a -001	Presumed Positive	J159257-NT05 57a-Photo009	10 m <sup>2</sup>	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
•	Supervisors Office - Throughout Floor - Adhesive - Under Existing Carpet Tiles & In Parts, Vinyl Tiles	Asbestos	Previously Sampled AEC As Per 1-2013	Previously Sampled Positive	J159257-NT05 57a-Photo012	10 m <sup>2</sup>	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	



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	Site Details		В	Audit Details			
Full Address:	10 Pavonia Place, Nightcliff NT 0812	<b>Building Name:</b>	Nightcliff Police Station	Number of Levels:	2	Survey Date:	23-11-2018
Property ID:	NT0557a	Est. Building Size:	770m²	Est. Building Age:	Circa 1960's	Inspected By:	Darren Kenny
Client Name:	Pagemartin Pty Ltd	Roof Type:	Metal	Construction Type:	Brick and Metal	Company:	Greencap

No.	Location - Item Description	Hazard Type	Sample No.	Item Status	Photo No.	Est. Extent	Condition	Friability	Dist. Potential	Risk Rating	Current Label	Reinspect Date	Control Priority	Control Recommendation	Record of Works Undertaken
10	Supervisors Office - Throughout Floor Covering - Vinyl Tiles - Under Existing Carpet Tiles	Asbestos	Similar To: J159257-NT0557a -001	Presumed Positive	J159257-NT05 57a-Photo011	10 m²	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition, label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
11	Corridor - Throughout Floor - Adhesive - Adjacent Compactus & Locker Rooms. Under Existing Carpet Tiles & Vinyl Tiles	Asbestos	Similar To: J159257-NT0557a -001	Presumed Positive	J159257-NT05 57a-Photo010	10 m²	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition, label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
12	Corridor - Throughout Floor Covering - Vinyl Tiles - Adjacent Compactus & Locker Rooms. Under Existing Carpet Tiles	Asbestos	Similar To: J159257-NT0557a -001	Presumed Positive	J159257-NT05 57a-Photo018	10 m²	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition, label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
13	Cleaners Store Fire Door - Fire Door Core - TYCO Doorset 06418 AS/NZS A05.1 A97 PH: 07 3267 8444	Asbestos	Not Sampled Restricted Access	Presumed Positive	J159257-NT05 57a-Photo015	1 Unit/s	Good	Friable	Low	Low	Not Labelled	23/11/2023	P3	Confirm status, label, maintain in current condition and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
14	Staff Lunch Room - North Wall Lining - Fibre Cement Sheeting	Asbestos	Previously Sampled AEC As per 5-3013	Previously Sampled Positive	J159257-NT05 57a-Photo018	12 m²	Good	Non Friable	Low	Low	Not Labelled	23/11/2023	P4	Maintain in current condition, label and incorporate into an AMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.	
15	Staff Lunch Room - Throughout Floor Covering - Vinyl Tiles	Asbestos	Previously Sampled AEC 4-2013	Previously Sampled Negative											
16	Male Toilets - Throughout Cubicle Partitions - Fibre Cement Sheeting	Asbestos	Previously Sampled AEC 3-2013	Previously Sampled Negative											
17	Female Toilets - Throughout Cubicle Partitions - Fibre Cement Sheeting	Asbestos	Previously Sampled AEC 2-2013	Previously Sampled Negative											
Nigh	tcliff Police Station - Interior - Level 1														
18	PABX Room - Throughout Floor Covering - Vinyl Tiles	Asbestos	Previously Sampled AEC As Per 4-2013	Previously Sampled Negative											



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It is noted that Asbestos may be contained within or behind those areas identified in the below table: Areas Not Accessed. Caution should be exercised when accessing these areas, particularly in relation to potential disturbance of the building fabric or concealed spaces.

1 of 1 Building

Area / Item	Not Accessed	Comments			
	Nightcliff Police Station				
Behind ceramic wall tiles throughout	All	Nightcliff Police Station - Access requires demolition or causing damage			
Fire door cores	All	Nightcliff Police Station - Access requires demolition or causing damage			
Roof	All	Nightcliff Police Station - No safe access at time of inspection			
Wall cavities	All	Nightcliff Police Station - Access requires demolition or causing damage			
Within internal walls partitioning	All	Nightcliff Police Station - Access requires demolition or causing damage			







NO.: 1
PHOTO NO.: J159257-NT0557A-PHOTO002
RESULT: ASBESTOS - PREVIOUSLY SAMPLED POSITIVE
BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL
ROOM/LOCATION: MAJOR CRASH OFFICE - SOUTH
FEATURE/MATERIAL: WALL LINING - FIBRE CEMENT SHEETING
SAMPLE NO.: PREVIOUSLY SAMPLED AEC 5-2013



PHOTO NO.: J159257-NT0557A-PHOTO005

RESULT: ASBESTOS - PREVIOUSLY SAMPLED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: MAJOR CRASH OFFICE - THROUGHOUT

FEATURE/MATERIAL: FLOOR - ADHESIVE

SAMPLE NO.: PREVIOUSLY SAMPLED AEC AS PER 1-2013



NO.: 2
PHOTO NO.: J159257-NT0557A-PHOTO004
RESULT: ASBESTOS - PREVIOUSLY SAMPLED POSITIVE
BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL
ROOM/LOCATION: MAJOR CRASH OFFICE - THROUGHOUT
FEATURE/MATERIAL: FLOOR - ADHESIVE
SAMPLE NO.: PREVIOUSLY SAMPLED AEC AS PER 1-2013



NO.: 3
PHOTO NO.: J159257-NT0557A-PHOTO013
RESULT: ASBESTOS - PREVIOUSLY SAMPLED POSITIVE
BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL
ROOM/LOCATION: OFFICE AREA - THROUGHOUT
FEATURE/MATERIAL: FLOOR - ADHESIVE
SAMPLE NO.: PREVIOUSLY SAMPLED AEC 1-2013

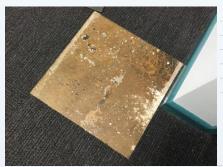


PHOTO NO.: J159257-NT0557A-PHOTO014

RESULT: ASBESTOS - PREVIOUSLY SAMPLED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: OFFICE AREA - THROUGHOUT

FEATURE/MATERIAL: FLOOR - ADHESIVE

SAMPLE NO.: PREVIOUSLY SAMPLED AEC 1-2013



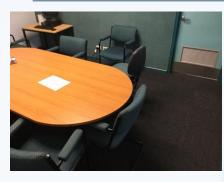
NO.: 4
PHOTO NO.: J159257-NT0557A-PHOTO006
RESULT: ASBESTOS - PREVIOUSLY SAMPLED POSITIVE
BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL
ROOM/LOCATION: CONFERENCE ROOM - THROUGHOUT
FEATURE/MATERIAL: FLOOR - ADHESIVE
SAMPLE NO.: PREVIOUSLY SAMPLED AEC AS PER 1-2013



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NO.: 4

PHOTO NO.: J159257-NT0557A-PHOTO007

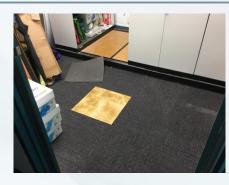
RESULT: ASBESTOS - PREVIOUSLY SAMPLED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: CONFERENCE ROOM - THROUGHOUT

FEATURE/MATERIAL: FLOOR - ADHESIVE

SAMPLE NO.: PREVIOUSLY SAMPLED AEC AS PER 1-2013



NO.: 5

PHOTO NO.: J159257-NT0557A-PHOTO017

RESULT: ASBESTOS - PREVIOUSLY SAMPLED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: COMPACTUS ROOM - THROUGHOUT

FEATURE/MATERIAL: FLOOR - ADHESIVE

SAMPLE NO.: PREVIOUSLY SAMPLED AEC AS PER 1-2013



NO.: 6

PHOTO NO.: J159257-NT0557A-PHOTO008

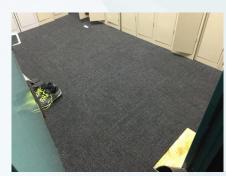
RESULT: ASBESTOS - POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: COMPACTUS ROOM - THROUGHOUT

FEATURE/MATERIAL: FLOOR COVERING - VINYL TILES

SAMPLE NO.: J159257-NT0557A-001



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PHOTO NO.: J159257-NT0557A-PHOTO016

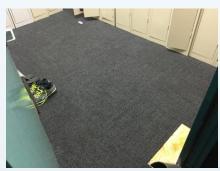
RESULT: ASBESTOS - PREVIOUSLY SAMPLED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: LOCKER ROOM - THROUGHOUT

FEATURE/MATERIAL: FLOOR - ADHESIVE

SAMPLE NO.: PREVIOUSLY SAMPLED AEC AS PER 1-2013



NO.: 8

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PHOTO NO.: J159257-NT0557A-PHOTO009

RESULT: ASBESTOS - PRESUMED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: LOCKER ROOM - THROUGHOUT

FEATURE/MATERIAL: FLOOR COVERING - VINYL TILES

SAMPLE NO.: SIMILAR TO: J159257-NT0557A-001



NO.: 9

PHOTO NO.: **J159257-NT0557A-PHOTO012** 

RESULT: ASBESTOS - PREVIOUSLY SAMPLED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: SUPERVISORS OFFICE - THROUGHOUT

FEATURE/MATERIAL: FLOOR - ADHESIVE

SAMPLE NO.: PREVIOUSLY SAMPLED AEC AS PER 1-2013



ASBESTOS REGISTER UPDATE



NO.: 10

PHOTO NO.: J159257-NT0557A-PHOTO011
RESULT: ASBESTOS - PRESUMED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: SUPERVISORS OFFICE - THROUGHOUT

FEATURE/MATERIAL: FLOOR COVERING - VINYL TILES

SAMPLE NO.: SIMILAR TO: J159257-NT0557A-001



NO · 1

PHOTO NO.: J159257-NT0557A-PHOTO010

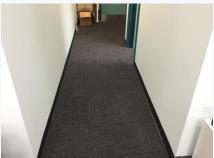
RESULT: ASBESTOS - PRESUMED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: CORRIDOR - THROUGHOUT

FEATURE/MATERIAL: FLOOR - ADHESIVE

SAMPLE NO.: SIMILAR TO: J159257-NT0557A-001



NO.: 12

PHOTO NO.: J159257-NT0557A-PHOTO018

RESULT: ASBESTOS - PRESUMED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: CORRIDOR - THROUGHOUT

FEATURE/MATERIAL: FLOOR COVERING - VINYL TILES

SAMPLE NO.: SIMILAR TO: J159257-NT0557A-001



NO.: 13

PHOTO NO.: J159257-NT0557A-PHOTO015

RESULT: ASBESTOS - PRESUMED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: CLEANERS STORE

FEATURE/MATERIAL: FIRE DOOR - FIRE DOOR CORE

SAMPLE NO.: NOT SAMPLED RESTRICTED ACCESS



NO.: 14

PHOTO NO.: J159257-NT0557A-PHOTO018

RESULT: ASBESTOS - PREVIOUSLY SAMPLED POSITIVE

BUILDING/LEVEL: NIGHTCLIFF POLICE STATION - GROUND LEVEL

ROOM/LOCATION: STAFF LUNCH ROOM - NORTH

FEATURE/MATERIAL: WALL LINING - FIBRE CEMENT SHEETING

SAMPLE NO.: PREVIOUSLY SAMPLED AEC AS PER 5-3013



#### **NIGHCLIFF POLICE STATION 23-11-2018**



Greencap Pty Ltd
ABN: 76 006 318 010
Unit 11 Winnellie Central | 14 Winnellie Road
Winnellie NT 0820
Australia
T: 08 7906 1300

Report Date: Friday, 23/11/2018 Our ref: C110813:J159257 - NT0557a

Wendy Kirkbright Pagemartin Pty Ltd 908 Stuart Highway PINELANDS NT 0829

Dear Wendy,

Re: Asbestos Identification Analysis - 10 Pavonia Place, Nightcliff NT 0812

This letter presents the results of asbestos fibre identification analysis performed on 1 sample collected by Darren Kenny of Greencap on Friday, 23 November 2018. The sample was collected from 10 Pavonia Place, Nightcliff NT 0812.

All sample analysis was performed using polarised light microscopy, including dispersion staining in our Darwin Laboratory by the method of Australian Standard AS4964-2004 and supplementary work instruction in house method LAB04 Asbestos Identification by PLM. Any and all services carried out by Greencap for the Client are subject to the Terms and Conditions listed on the Greencap website at www.greencap.com.au/about-greencap/terms-and-conditions and are governed by our statements of limitation available at www.greencap.com.au/about-greencap/statements-of-limitation.

The analysis was completed on Friday, 23 November 2018.

The sample will be kept for three months and then disposed of, unless otherwise directed.

The results of the asbestos identification analysis are presented in the appended table. Accreditation covers testing activities only, sampling activity is outside the scope of accreditation. Results relate only to the items tested and are for the sole use by the client

Should you require further information please contact Darren Kenny.

Yours sincerely, Greencap



Darren Kenny: Approved Identifier



Darren Kenny: Approved Signatory



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Accredited for compliance with ISO/IEC 17025 - Testing.

Accreditation No. 5450, Site No. 18611 Adelaide Laboratory, Branch Site No.24550 Darwin Laboratory.

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/National standards.

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## **NIGHCLIFF POLICE STATION 23-11-2018**



Darwin Laboratory Sample Analysis Results



Report Date: Friday, 23/11/2018

Our ref: C110813:J159257 - NT0557a

Site Location:		10 Pavonia Place, Nightcliff NT 0812	
	Sample ID	Sample Location/Description/Weight or Size	Analysis Result
1	J159257 - NT0557a - 001	Nightcliff Police Station - Interior - Ground Level - Compactus Room - Throughout - Floor Covering - Vinyl Tiles Off white brittle vinyl material	Chrysotile (white asbestos)
		~ 39x16x3mm	

<sup>\*</sup> Shaded row with bolded text indicates sample contains a positive result for asbestos.

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If Synthetic Mineral Fibre and Organic Fibre are not stated in Analysis Results, it implies not detected.

#### **NIGHCLIFF POLICE STATION 23-11-2018**

#### **AEC Environmental**

GREENCAP CONSULTING COMPANY

#### ASBESTOS IDENTIFICATION REPORT No. NT0557

**CLIENT:** Pagematin Pty. Ltd.

ATTENTION: Marianne Martin RECEIVED DATE: 11 June 2013

**PROPERTY ADDRESS:** Nightcliff Police Station **TEST DATE:** 12 June 2013

**SAMPLED BY:** Tony Boskovic REPORT DATE: 12 June 2013

Test Method: In house method LOP-002 Asbestos Identification by Polarised Light Microscopy including Dispersion Staining (Based on AS4964-2004 Method for the qualitative identification of asbestos in bulk samples)

#### **RESULTS**

No.	ID	Dimensions	Description	Asbestos	OĘ N	1F
1	Reception floor under carpet	50x5x3mm	Black adhesive	Yes Chrysotile	Yes	
2	Female toilet partitions	10x5x3mm	Fibre cement	No	Yes	
3	Male toilet partitions	10x5x3mm	Fibre cement	No	Yes	
4	Staff room floor	15x15x3mm	Vinyl	No^		
5	Major Crash Office south wall and staff lunch room north wall	10x10x3mm	Fibre cement	Yes Chrysotile & Amosite	Yes	

Approved Identifier & Signatory

Tony Boskovic

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Please note that the results contained in this report relate only to the sample(s) submitted for testing. Sample Dimensions and Descriptions are approximate only. Chrysotile is commonly known as white asbestos, Amosite is commonly known as brown asbestos and Crocidolite as blue asbestos. SMF (Synthetic Mineral Fibre) is commonly known as glass fibre and OF (Organic Fibre) includes natural fibres and synthetic organic fibre. A blank in the SMF or OF column implies not detected. ^ Confirmation by an independent analytical technique is advised due to the nature of the sample.



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#### **Asbestos**

This assessment was undertaken in accordance with the following documents and within the constraints of the scope of works:

How to Manage and Control Asbestos in the Workplace: Code of Practice (December 2011)

NT Work Health & Safety Regulation 2011

1 representative sample of suspected asbestos-containing material were collected and placed in plastic bags with clip-lock seals. This sample was analysed in Greencap's NATA-accredited laboratory for the presence of asbestos by Polarised Light Microscopy.

Where it was determined that asbestos was present, a risk and priority assessment was conducted in accordance with Greencap's standard Risk Assessment and Priority Ranking System. Refer to section on Priority Rating System for detailed information on this system.

Inaccessible areas that are likely to contain asbestos have been assumed to contain asbestos until further inspection and analysis of samples has been undertaken by an approved analyst.

A strategy of using representative samples of suspected asbestos-containing materials has been used to minimise the number of samples and degree of disturbance. Because of this strategy, findings of the audit should be interpreted such that all visually similar materials in the same vicinity must be assumed to be composed of the same material until proven otherwise.



## **Risk Assessment Factors - Asbestos**

The presence of asbestos-containing materials (ACMs) does not necessarily constitute an exposure risk. However, if the ACM is sufficiently disturbed to cause the release of airborne respirable fibres, then an exposure risk may be posed to individuals. The assessment of the exposure risk posed by ACMs assesses (a) the material condition and friability, and (b) the disturbance potential.

## **Material Condition**

The assessment factors for material condition include:

- Evidence of physical deterioration and/or water damage.
- · Degree of friability of the ACM.
- · Surface treatment, lining or coating (if present).
- · Likelihood to sustain damage or deterioration in its current location and state.

### **Physical Condition and Damage**

The condition of the ACM is rated as either being good, fair or poor.

**Good** refers to an ACM that has not been damaged or has not deteriorated refers to an ACM having suffered minor cracking or de-surfacing.

**Poor** describes an ACM which has been damaged or its condition has deteriorated over time.

## **Friability and Surface Treatment**

The degree of friability of ACMs describes the ease of which the material can be crumbled, and hence to release fibres, and takes into account surface treatment.

#### Friable asbestos

Friable asbestos or ACM is asbestos or ACM in powder form, or able to be crumbled, pulverised, or reduced to a powder by hand pressure when it is dry e.g. sprayed asbestos beam insulation (limpet), pipe lagging.

#### Non-friable asbestos

also referred to as bonded asbestos, typically comprises asbestos fibres tightly bound in a stable non-asbestos matrix or impregnated with a coating. Examples of non-friable asbestos products include asbestos cement materials (sheeting, pipes etc), asbestos containing vinyl floor tiles, compressed gaskets and electrical backing boards.

## **Disturbance Potential**

In order to assess the disturbance potential, the following factors are considered:

- Requirement for access for either building work or maintenance operations.
- · Likelihood and frequency of disturbance of the ACM.
- Accessibility of the ACM.
- Proximity of the ACM to air plenums and direct air stream.

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- Quantity and exposed surface areas of ACM.
- Normal use and activity in area, and numbers of persons in vicinity of ACM.

These factors are used to determine (i) the potential for fibre generation, and (ii) the potential for exposure to person/s, as a rating of low, medium or high disturbance potential:

#### Risk Status

The risk factors described previously are used to rank the asbestos exposure risk posed by the presence of the ACM.

- A low risk rating describes ACMs that pose a low exposure 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 rating applies to ACMs that pose an increased exposure risk to people in the area.
- A high risk rating applies to ACMs that pose a higher exposure risk to personnel or the public in the vicinity of the material due to their condition or disturbance potential.



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# **Priority Actions**

The following priority rating system is adopted to assist in the programming and budgeting for the control of asbestos risk identified in the assessment.

Priority 1 (P1)

Restrict Access to Area & Action: Organise Abatement Wo

Organise Abatement Works as soon as practicable & Manage any remaining materials as part of an AMP

Area has ACMs, which are either damaged or are being exposed via continual disturbance. Due to these conditions, there is an increased potential for exposure and/or transfer of the material to other locations with continued unrestricted use of the area. Representative asbestos fibre monitoring should be conducted in the area during normal building operation where recommended. Prompt abatement of the asbestos hazard is recommended.

As an interim, restrict access.

Priority 2 (P2)

Action:

Organise Remedial Works as soon as practicable & Manage any remaining materials as part of an AMP

Area has ACMs with a potential for disturbance due to the following conditions:

- 1. Material has been disturbed or damaged and its current condition, while not posing an immediate hazard, is unstable.
- 2. The material is accessible and when disturbed, can present a short-term exposure risk.
- 3. Demolition, renovation, refurbishment, maintenance, modification or new installations, involving air-handling systems, ceilings, lighting, fire safety systems or floor layout.

Appropriate abatement measures should be taken as soon as practicable. A negligible exposure risk exists if materials remain under the control of an Asbestos Management Plan (AMP).

Priority 3 (P3)

Action:

No Short-Term Remedial Works Required
Review periodically and Manage as part of an AMP

Area has ACMs, where:

- 1. The condition of friable ACMs is currently stable and has low potential of being disturbed.
- 2. The ACM is currently in a non-friable form, may have slight damage, but does not present an exposure risk unless cut, drilled, sanded or otherwise abraded.

This presents a low risk of exposure where the materials are left undisturbed under the control of an Asbestos Management Plan (AMP). Defer any major action unless materials are to be disturbed as a result of maintenance, refurbishment or demolition operations.

Priority 4 (P4)

Action:

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No Short-Term Remedial Works Required
Review periodically and Manage as part of an AMP

Area has ACMs in a non-friable form and in good condition. It is unlikely that the material can be disturbed under normal circumstances and can be safely subjected to normal traffic. Even if it were subjected to minor disturbance the material poses a negligible health risk. These materials should be maintained in good condition and their condition monitored during subsequent reviews. As with any asbestos materials, these materials must be removed prior to renovations that may impact on the materials.



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The Occupational Health and Safety Regulations of most Australian states refer to a Code of Practice for guidance on identification and management of asbestos materials (ACMs) in workplaces. The requirements are summarised below.

# **Asbestos Management Plan (AMP)**

An AMP should be developed for the site as per the Code of Practice. The AMP should be a broad ranging document detailing the following information:

- The site's asbestos material register.
- Responsibilities for relevant persons in the management of ACMs.
- Mechanisms for communicating the location, type and condition of ACMs, the risks posed by these and the control measures adopted to minimise these risks.
- Training arrangements for workers and contractors.
- · A Procedure for reviewing and updating the AMP and the register.
- · Air Monitoring and clearance inspection arrangements.
- Timetable for action to review risk assessments and undertake asbestos management activities.
- Records of any maintenance or service work conducted on ACMs, including clearance certificates for removed items.

# **Updates to Register, AMP and Risk Assessments**

The asbestos register and the AMP should be reviewed (via visual inspection by a competent person) and updated at least every 5 years or earlier where a risk assessment indicates the need for a re-assessment or if any ACMs have been removed or updated as per the requirements of the Code of Practice.

Risk assessments should be reviewed regularly and as specified by the Code of Practice, particularly when there is evidence that the risk assessment is no longer valid, control measures are shown to be ineffective or there is a significant change planned for the workplace or work practices or procedures relevant to the risk assessment; or there is a change in ACM condition or ACMs have since been enclosed, encapsulated or removed.

# Labelling

All confirmed or presumed ACMs (or their enclosures) should be labelled to identify the material as asbestos-containing or presumed asbestos-containing and to warn that the items should not be disturbed as per the requirements of the Code of Practice.

# **Training**

Staff and site personnel must be provided with Asbestos Awareness training in accordance with the Code of Practice. Training should inform staff how to work safely alongside asbestos by instructing them of:.

- 1. The health risks associated with asbestos.
- 2. Their roles and responsibilities under the AMP.
- 3. Procedures for managing asbestos on-site.
- 4. The correct use of control measures and safe work methods to minimise the risks from asbestos.

# Refurbishment / Demolition Requirements

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This audit is limited by the Scope of Works and Methodology outlined within this report.

Generally, a new audit or revised audit is required prior to any planned refurbishment, alteration, demotion or upgrade works that may disturb ACMs at the site in accordance with Australia Standard AS 2601: The Demolition of Structures and Demolition Work Code of Practice(Safe Work Australia, Feb 2016).

#### **Removal of Asbestos Materials**

Any works involving the removal of ACMs should be undertaken by a Licensed Asbestos Removal Contractor (LARC). In addition, an appropriately qualified independent asbestos consultant / occupational hygienist should undertake asbestos fibre air monitoring during/after works, and issue a Clearance Certificate to validate the works have been undertaken safely.

All works should be conducted in accordance with legislative requirements and following the requirements of the document 'How to Safely Remove Asbestos: Code of Practice (SafeWork Australia, 2016)'.



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This report has been prepared in accordance with the agreement between Pagemartin Pty Ltd and Greencap.

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

This report relates only to the identification of asbestos 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 within the building or plant.

The following should also be noted:

While the survey has attempted to locate the asbestos materials within the site it should be noted that the review was a visual inspection and a limited sampling program was conducted and/or the analysis results of the previous report were used. Representative samples of suspect asbestos materials were 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.

- (a) Locations behind locked doors;
- (b) Inset 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
- 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 the Asbestos Register. 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 materials 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 areas or areas not fully inspected previously, i.e. carpeted floors.

