30 September 2020

Randwick City Council
30 Frances Street
Randwick NSW 2031

Attention: Ryan Zammit
ryan.zammit@randwick.nsw.gov.au

RE: Asbestos Daily Air Monitoring Report

Dear Ryan Zammit

Please find below daily Asbestos air monitoring report for:

Location:	Little Bay Beach

All works have been completed in accordance with relevant state WHS Legislation and approved Codes of Practices.

See following pages for results.

Regards,

Denny Bolatti
Managing Director

Requested by:	
Client Contact Name	Ryan Zammit
Client Contact Number	90936744
Client Contact Email	ryan.zammit@randwick.nsw.gov.au
Site:	
Address	2 Coast Hospital Rd, Little Bay NSW 2036
Local Government Area	Randwick City Council
Site Boundary	
Air Monitoring Locations	

Air Monitoring Details:	
Date of Field Work:	30/09/2020
Start Time:	20:57
Consultant:	Alex Tam Licensed Asbestos Assessor #001241
Sampling Type:	Asbestos
Temperature	18°C
Wind Speed	6km/h
Scope of Work:	Background Air Monitoring
Methodology:	

Asbestos fibre static air monitoring and analysis was conducted in accordance with Guidance Note on the Membrane Filter Method for the Estimation of Airborne Asbestos Fibres (NOHSC:3003: April 2005) and in-house procedures of NATA accredited laboratory for the estimation of airborne fibres. The sample collection was performed using SKC portable sampling pumps fitted with sampling cassettes containing 25 mm membrane filters that were flow tested at the commencement and completion of sampling.

Exposure Standard

The Australian exposure standard for asbestos fibers is 0.1 fibres/ml of air and the action limit for asbestos fibres is 0.01 fibres/ml as per the NSW WHS Regulations 2017.

Sample Location / Person Name	AM Type	Sample ID	Average Flow Rate (L/Min)	Time On	Total Sampling Time (Min)	Total Volume (L)	Results
Beach entrance	B	01	4.0	09:57	204	816.00	<0.01 f/ml
Southern beach	B	02	4.0	09:50	208	832.00	<0.01 f/ml
Southern beach northern end	B	03	4.0	09:45	211	844.00	<0.01 f/ml

AM Type Legend

B= Background **Co**= Control **Cl** = Clearance

Comments/Recommendations:

All air monitoring results were below the exposure standard for asbestos fibers
NATA accredited laboratory results are provided within **Appendix 2**.

Disclaimer:

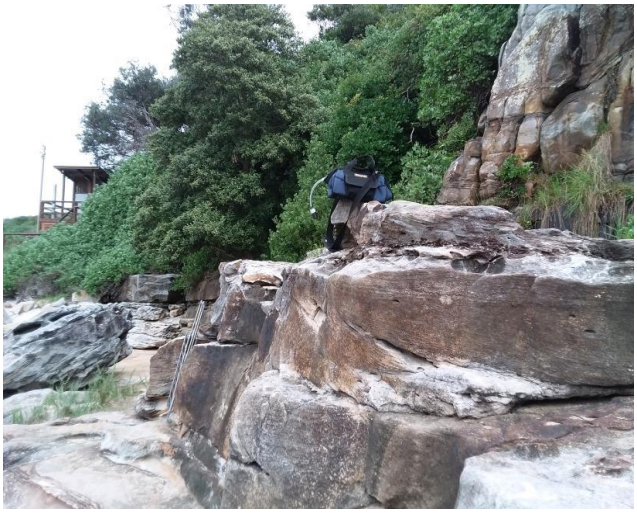
The results within this report relate only to the sampling locations specified and their analysis. This report shall not be reproduced, except in full.

Prepared By	Approved By
Alex Tam *Occupational Hygienist* Licensed Asbestos Assessor #001241 30/09/2020	**Denny Bolatti** Managing Director Licensed Asbestos Assessor LAA001132 01/10/2020

Appendix 1: Air Monitoring Locations

Location: Beach entrance
Result: <0.01 f/ml
Image Id: 200930-110953

Location: Southern beach
Result: <0.01 f/ml
Image Id: 200930-111303



Location: Southern beach northern end
Result: <0.01 f/ml
Image Id: 200930-111622

How to Contact Us

Mail	Trinitas Group
	PO Box 1376 Parramatta NSW 2124
Email	admin@trinitasgroup.com.au
Address	Level 3 Hunter Street, Parramatta NSW 2150
Website	www.trinitasgroup.com.au
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Facsimile	02 8016 0875

Trinitas Group Pty Ltd
ABN 12 161 759 708

Disclaimer: This report is prepared for the use of the recipient for the purpose of risk evaluation, risk improvement and or loss control. It is based upon prevailing conditions at the time of inspection, our observations and information provided by the client contact/s at the site. No responsibility is accepted, and liability disclaimed for the use of this report for any other purpose, or by any third party, nor does it imply that no other hazardous

Appendix 2: Laboratory Analysis Results

Certificate of Analysis

Environment Testing

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Trinitas Group Pty Ltd
Level 3, 24 Hunter Street
Parramatta
NSW 2150

Attention:	- RESULTS/SRAs
Report	747424-AFA
Project Name	LITTLE BAY BEACH
Received Date	Sep 30, 2020
Date Reported	Oct 01, 2020

METHODOLOGY:

Asbestos Counting	Conducted in accordance with the National Occupational Health & Safety Commission - Guidance Note on The Membrane Filter Method For Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] and in-house Method LTM-ASB-8010.

Accredited for compliance with ISO/IEC 17025–Testing
The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Project Name LITTLE BAY BEACH
Project ID
Date Sampled Sep 30, 2020
Report 747424-AFA

Eurofins Sample No.	Client Sample ID	Location	Fibres/100 fields
20-Se51740	01	BEACH ENTRANCE	1/100
20-Se51741	02	SOUTHERN BEACH	0/100
20-Se51742	03	SOUTHERN BEACH NORTHERN END	1/100

Sample History

Where samples are submitted/analysed over several days, the last date of extraction and analysis is reported.
A recent review of our LIMS has resulted in the correction or clarification of some method identifications. Due to this, some of the method reference information on reports has changed. However, no substantive change has been made to our laboratory methods, and as such there is no change in the validity of current or previous results.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8010	Sydney	Sep 30, 2020	Indefinite

eurofins | Environment Testing

ABN: 50 005 085 521 web: www.eurofins.com.au email: EnviroSales@eurofins.com

Australia

Melbourne
6 Monterey Road
Dandenong South VIC 3175
Phone : +61 3 8564 5000
NATA # 1261
Site # 1254 & 14271

Sydney
Unit F3, Building F
16 Mars Road
Lane Cove West NSW 2066
Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
1/21 Smallwood Place
Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Perth
2/91 Leach Highway
Kewdale WA 6105
Phone : +61 8 9251 9600
NATA # 1261
Site # 23736

Newcastle
4/52 Industrial Drive
Mayfield East NSW 2304
PO Box 60 Wickham 2293
Phone : +61 2 4968 8448

New Zealand

Auckland
35 O'Rorke Road
Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name:	Trinitas Group Pty Ltd	**Order No.:**		**Received:**	Sep 30, 2020 5:45 PM
Address:	Level 3, 24 Hunter Street Parramatta NSW 2150	**Report #:**	747424	**Due:**	Oct 1, 2020
		Phone:	02 8810 4445	**Priority:**	1 Day
		Fax:	02 8016 0875	**Contact Name:**	- RESULTS/SRAs
Project Name:	LITTLE BAY BEACH				

Eurofins Analytical Services Manager : Alena Bounkeua

Sample Detail						Asbestos (amount of fibres in air)
Melbourne Laboratory - NATA Site # 1254 & 14271						
Sydney Laboratory - NATA Site # 18217						X
Brisbane Laboratory - NATA Site # 20794						
Perth Laboratory - NATA Site # 23736						
Mayfield Laboratory						
External Laboratory						
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**	
1	01	Sep 30, 2020	11:09AM	Air	S20-Se51740	X
2	02	Sep 30, 2020	11:13AM	Air	S20-Se51741	X
3	03	Sep 30, 2020	11:13AM	Air	S20-Se51742	X
Test Counts						3

Internal Quality Control Review and Glossary

General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with blue colour, indicates data provided by customer, that may have an impact on the results.
5. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the Sample Receipt Advice.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w: weight for weight basis	grams per kilogram
Filter loading:	fibres/100 graticule areas
Reported Concentration:	fibres/mL
Flowrate:	L/min

Terms

Dry	Sample is dried by heating prior to analysis
LOR	Limit of Reporting
COC	Chain of Custody
SRA	Sample Receipt Advice
ISO	International Standards Organisation
AS	Australian Standards
WA DOH	Reference document for the NEPM. Government of Western Australia, Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia (2009), including supporting document Recommended Procedures for Laboratory Analysis of Asbestos in Soil (2011)
NEPM	National Environment Protection (Assessment of Site Contamination) Measure, 2013 (as amended)
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded and/or sound condition. For the purposes of the NEPM, ACM is generally restricted to those materials that do not pass a 7mm x 7mm sieve.
AF	Asbestos Fines. Asbestos containing materials, including friable, weathered and bonded materials, able to pass a 7mm x 7mm sieve. Considered under the NEPM as equivalent to “non-bonded / friable”.
FA	Fibrous Asbestos. Asbestos containing materials in a friable and/or severely weathered condition. For the purposes of the NEPM, FA is generally restricted to those materials that do not pass a 7mm x 7mm sieve.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory’s remit to assess degree of friability.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres in the matrix.

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	N/A
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N/A	Not applicable

Asbestos Counter/Identifier:

Chamath JHM Annakkage	Senior Analyst-Asbestos (NSW)

Authorised by:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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