

30 June 2023

Randwick City Council 30 Frances Street Randwick NSW 2031

Attention: Ryan Zammit

ryan.zammit@randwick.nsw.gov.au

RE: Asbestos Containing Material Clearance Inspection

Dear Ryan Zammit

Please find below Asbestos Containing Material Clearance Inspection results for the following site:

Site:	Little Bay Beach
Location:	Sand surfaces of beach

All works have been completed in accordance with applicable WHS Legislation, Approved Codes of Practice and Australian Standards

Regards,

Kieran Mackowski

Occupational Hygienist BSc Environmental Earth Science













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



Clearance Area	
Clearance Type:	
Clearance Type	Asbestos Containing Material
Application Legislation	 - 2011 WHS Act - 2017 WHS Regulations - SafeWork NSW Code of Practice, How to Manage and Control Asbestos in the Workplace 2019 - SafeWork NSW Code of Practice, How to Safely Remove Asbestos 2019













Scope of Remediation Work: Location of Remediation Work Material Bonded / Friable Scope of Remediation Date of Remediation work Documents Reviewed Remediation Contractor License Number Contact Number NA Clearance Inspection: Time Date Consultant Result/s Airborne Asbet Sand surfaces Non-Friable Na Nolo6/2023 Nil Remediation Contractor NA License Number NA Clearance Inspection: Time O9:30 Date Society Inspection Outlined in the materials had and immediate standard with Notes Enclosure Smoke Test: Date - Location - Result N/A	Friable oval of suspected Asbestos fragments //2023						
Location of Remediation Work Material Bonded / Friable Scope of Remediation Date of Remediation work Documents Reviewed Remediation Contractor License Number Contact Number NA Clearance Inspection: Time Date Date Consultant Result/s Result/s Result/s Sand surfaces Fibre cement Non-Friable Removal of standard with Notes Removal of standard standard with Nil Removal of standard standard with Nil Removal of standard standard standard with Nil Enclosure Smoke Test: Date – Location – Result N/A	cement fragments Friable Eval of suspected Asbestos fragments //2023 //2024 //2024 //2024 //2024		All DOLLIG ASDESIOS I				
Work Material Bonded / Friable Scope of Remediation Date of Remediation work Documents Reviewed Remediation Contractor License Number Contact Number NA Clearance Inspection: Time Date Consultant Result/s Result/s Sand surfaces Fibre cement Non-Friable Removal of su 30/06/2023 NA NA Clearance NA Clearance Inspection: Time O9:30 Solution Na Kieran Macko BSc Environm The inspection outlined in the materials had and immediat standard with Notes Enclosure Smoke Test: Date — Location — Result N/A	cement fragments Friable Eval of suspected Asbestos fragments //2023 //2024 //2024 //2024 //2024	Scope of Remediation Work					
Material Fibre cement Bonded / Friable Non-Friable Scope of Remediation Removal of su Date of Remediation work Documents Reviewed Nil Remediation Contractor NA License Number NA Contact Number NA Clearance Inspection: Time 09:30 Date 30/06/2023 Consultant Kieran Macko BSc Environm The inspection outlined in the materials had and immediate standard with Notes Nil Enclosure Smoke Test: Date — Location — Result N/A	cement fragments Friable Eval of suspected Asbestos fragments //2023 //2024 //2024 //2024 //2024	Location of Remediation	Cond ourfoces of he				
Bonded / Friable Scope of Remediation Date of Remediation work Documents Reviewed Remediation Contractor License Number Contact Number Time Date Consultant Result/s Result/s Result/s Non-Friable Removal of standard with Notes Removal of standard with Non-Friable Removal of standard with Removal of standard with Non-Friable Removal of standard standard with Non-Friable Removal of standard standard standard with Non-Friable Removal of standard standard standard standard with Non-Friable Removal of standard standard standard standard standard standard with Non-Friable Removal of standard standard standard standard standard standard with Non-Friable Removal of standard standard standard standard standard standard standard with Non-Friable Removal of standard	Priable Eval of suspected Asbestos fragments /2023 /2023 Mackowski Environmental Earth Science Inspection found NO VISIBLE ASBESTOS remaining in areas and in the removal scope. Visually, all identified asbestos-containing rials had been removed from the identified areas. The removal area mmediate surrounds have been cleaned to a practically achievable	Work	Sand surfaces of be				
Scope of Remediation Date of Remediation work Documents Reviewed Remediation Contractor License Number Contact Number NA Clearance Inspection: Time Date Consultant Result/s Result/s Result/s Result/s Result/s Remediation Contractor NA NA Clearance Inspection: Time O9:30 Rieran Macko BSc Environm The inspection outlined in the materials had and immediate standard with Notes Nil Enclosure Smoke Test: Date — Location — Result N/A	val of suspected Asbestos fragments /2023 /2023 Mackowski Environmental Earth Science Aspection found NO VISIBLE ASBESTOS remaining in areas ed in the removal scope. Visually, all identified asbestos-containing rials had been removed from the identified areas. The removal area mmediate surrounds have been cleaned to a practically achievable	Material	Fibre cement fragme				
Date of Remediation work Documents Reviewed Remediation Contractor License Number Contact Number Clearance Inspection: Time Date Consultant Result/s Result/s Result/s Na 09:30 30/06/2023 Kieran Macko BSc Environm The inspection outlined in the materials had and immediat standard with Notes Nil Enclosure Smoke Test: Date — Location — Result N/A	/2023 //2023 n Mackowski Environmental Earth Science Inspection found NO VISIBLE ASBESTOS remaining in areas and in the removal scope. Visually, all identified asbestos-containing rials had been removed from the identified areas. The removal area mmediate surrounds have been cleaned to a practically achievable	Bonded / Friable	Non-Friable				
Documents Reviewed Remediation Contractor License Number Contact Number Result/s Result/s NA NA NA NA NA NA O9:30 30/06/2023 Kieran Macko BSc Environm The inspection outlined in the materials had and immediate standard with Notes Nil Enclosure Smoke Test: Date — Location — Result NA	/2023 n Mackowski Environmental Earth Science nspection found NO VISIBLE ASBESTOS remaining in areas ed in the removal scope. Visually, all identified asbestos-containing rials had been removed from the identified areas. The removal area mmediate surrounds have been cleaned to a practically achievable	Scope of Remediation	Removal of suspecte				
Remediation Contractor License Number Contact Number NA Clearance Inspection: Time 09:30 Date 30/06/2023 Consultant Kieran Macko BSc Environm The inspection outlined in the materials had and immediate standard with Notes Nil Enclosure Smoke Test: Date — Location — Result N/A	n Mackowski Environmental Earth Science Inspection found NO VISIBLE ASBESTOS remaining in areas and in the removal scope. Visually, all identified asbestos-containing rials had been removed from the identified areas. The removal area mediate surrounds have been cleaned to a practically achievable	Date of Remediation work	30/06/2023				
License Number Contact Number NA Clearance Inspection: Time Date Consultant Consult	n Mackowski Environmental Earth Science Inspection found NO VISIBLE ASBESTOS remaining in areas and in the removal scope. Visually, all identified asbestos-containing rials had been removed from the identified areas. The removal area mediate surrounds have been cleaned to a practically achievable	Documents Reviewed	Nil				
Contact Number Clearance Inspection: Time Date O9:30 Consultant Consultant Result/s Result/s Notes Contact Number N9:30 30/06/2023 Kieran Macko BSc Environm The inspection outlined in the materials had and immediate standard with Notes Nil Contact Number Notes Nil Notes Nil Consultant Notes Nil Notes Nil Consultant Nil Consultant Notes Nil Consultant Nil Consultant Notes Nil Consultant Nil Consultant Notes Notes Notes Nil Consultant Notes	n Mackowski Environmental Earth Science Inspection found NO VISIBLE ASBESTOS remaining in areas and in the removal scope. Visually, all identified asbestos-containing rials had been removed from the identified areas. The removal area mediate surrounds have been cleaned to a practically achievable	Remediation Contractor	NA				
Clearance Inspection: Time 09:30 Date 30/06/2023 Consultant Kieran Macko BSc Environm The inspection outlined in the materials had and immediate standard with Notes Nil Enclosure Smoke Test: Date – Location – Result N/A	n Mackowski Environmental Earth Science Inspection found NO VISIBLE ASBESTOS remaining in areas and in the removal scope. Visually, all identified asbestos-containing rials had been removed from the identified areas. The removal area mediate surrounds have been cleaned to a practically achievable	License Number	NA				
Time 09:30 Date 30/06/2023 Consultant Esc Environm The inspection outlined in the materials had and immediate standard with Notes Nil Enclosure Smoke Test: Date — Location — Result N/A	n Mackowski Environmental Earth Science Inspection found NO VISIBLE ASBESTOS remaining in areas and in the removal scope. Visually, all identified asbestos-containing rials had been removed from the identified areas. The removal area mediate surrounds have been cleaned to a practically achievable	Contact Number	NA				
Date 30/06/2023 Consultant Kieran Macko BSc Environm The inspection outlined in the materials had and immediate standard with Notes Nil Enclosure Smoke Test: Date – Location – Result N/A	n Mackowski Environmental Earth Science Inspection found NO VISIBLE ASBESTOS remaining in areas and in the removal scope. Visually, all identified asbestos-containing rials had been removed from the identified areas. The removal area mediate surrounds have been cleaned to a practically achievable	Clearance Inspection:	<u> </u>				
Consultant Kieran Macko BSc Environm The inspection outlined in the materials had and immediate standard with Notes Notes Nil Enclosure Smoke Test: Date – Location – Result N/A	n Mackowski Environmental Earth Science Inspection found NO VISIBLE ASBESTOS remaining in areas and in the removal scope. Visually, all identified asbestos-containing areas rials had been removed from the identified areas. The removal area area mmediate surrounds have been cleaned to a practically achievable	Time	09:30				
Result/s Result/s Notes Enclosure Smoke Test: Date – Location – Result Date – Location – Result Date – Location – Result Result/s BSc Environm The inspection outlined in the materials had and immediate standard with Nil Nil	Environmental Earth Science Inspection found NO VISIBLE ASBESTOS remaining in areas and in the removal scope. Visually, all identified asbestos-containing arials had been removed from the identified areas. The removal area area mediate surrounds have been cleaned to a practically achievable	Date	30/06/2023				
Result/s	nspection found NO VISIBLE ASBESTOS remaining in areas ed in the removal scope. Visually, all identified asbestos-containing rials had been removed from the identified areas. The removal area nmediate surrounds have been cleaned to a practically achievable	0 11 1	Kieran Mackowski				
Result/s Result/s Notes Enclosure Smoke Test: Date – Location – Result Outlined in the materials had and immediate standard with Nil NII N/A	ed in the removal scope. Visually, all identified asbestos-containing ials had been removed from the identified areas. The removal area nmediate surrounds have been cleaned to a practically achievable	Consultant	BSc Environmental I				
Result/s outlined in the materials had and immediate standard with Notes Nil Enclosure Smoke Test: Date – Location – Result N/A	ed in the removal scope. Visually, all identified asbestos-containing ials had been removed from the identified areas. The removal area nmediate surrounds have been cleaned to a practically achievable		The inspection found				
and immediate standard with Notes Nil Enclosure Smoke Test: Date – Location – Result N/A	nmediate surrounds have been cleaned to a practically achievable						
Notes Signature	· · · · · · · · · · · · · · · · · · ·	Result/s	materials had been i				
Notes Nil Enclosure Smoke Test: Date – Location – Result N/A	ard with no visible asbestos residue.		and immediate surro				
Enclosure Smoke Test: Date – Location – Result N/A			standard with no visi				
Date – Location – Result N/A		Notes	Nil				
A 1 B 8 14 1		Date – Location – Result	N/A				
Air Monitoring:		Air Monitoring:					
Date Type Posult 30/06/2023 - I	/2023 - Background - All air monitoring results were below the	Data Type Posult	30/06/2023 - Backgr				
exposure star	sure standard of 0.01 f/ml	7.	exposure standard of				
			N/A				
			See Appendix 1				
Prior to Remediation See Appendix			See Appendix 2				
Prior to Remediation See Appendix Post Remediation See Appendix							
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer:	Appendix 2						
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer: The results within this report relate only to the	Appendix 2 ly to the sampling locations specified and their analysis. This report						
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full.	Appendix 2 ly to the sampling locations specified and their analysis. This report						
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer: The results within this report relate only to the	Appendix 2 ly to the sampling locations specified and their analysis. This report	11 0					
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full.	Appendix 2 ly to the sampling locations specified and their analysis. This report						
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full.	Appendix 2 ly to the sampling locations specified and their analysis. This report	Mill					
Prior to Remediation Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full. Prepared By:	ly to the sampling locations specified and their analysis. This report. Approved By:	Kieran Mackowski					
Prior to Remediation Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full. Prepared By: Kieran Mackowski	ly to the sampling locations specified and their analysis. This report Approved By: Denny Bolatti						
Prior to Remediation Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full. Prepared By:	ly to the sampling locations specified and their analysis. This report. Approved By:	Occupational Hygienist	ence				
		Post Remediation Disclaimer:	See Appendix 2				
	/2022 Packground All oir manitaring requite were below the	an monitoring.	20/06/2022 Deal-				
		Date – Type – Result					
		Date - Type - Result					
30/06/2023 - 1	/2023 - Background - All air monitoring results were below the		30/06/2023 - Backgr				
		Air Monitoring:	T				
		Date - Type - Result					
		Date – Type – Result					
		Date - Type - Result					
30/06/2023 - 1	/2023 - Background - All air monitoring results were below the		30/06/2023 - Backgr				
Air Monitoring:			1 1 1 / / 1				
A. W. B.T. o. Init. o. W. In. o. V.			N/A				
A 1 B 8 14 1			N/A				
			N/A				
			1				
			_				
			L 1/4				
			NI/A				
			N/A				
			Ν/Δ				
			NI/A				
			D1/A				
			h 1 / A				
			NI/A				
			N/A				
A 1 B M 1 4 1			N/A				
Air Monitorings			IN/A				
Air Monitoring:							
	/2022 Packground All air manitaring regults were below the	All Wonitoring:	20/06/2022 Packer				
30/06/2023 - 1	/2023 - Background - All air monitoring results were below the		30/06/2023 - Backgr				
		Date - Type - Result					
		Date - Type - Result					
		Date – Type – Result					
		Date – Type – Result					
		Date - Type - Result					
			NI/A				
			N/Δ				
			N/A				
			<u> </u>				
			T = .				
Photos:			See Appendix 1				
		Prior to Remediation	See Appendix 1				
	poodiv 1						
	oppendix 1						
	ppendix 1	Post Remediation					
	ppendix 1	Post Remediation	See Appendix 2				
Prior to Remediation See Appendix		Post Remediation	See Appendix 2				
Prior to Remediation See Appendix		Post Remediation	See Appendix 2				
Prior to Remediation See Appendix			See Appendix 2				
Prior to Remediation See Appendix			JOO / Ipportuix Z				
Prior to Remediation See Appendix Post Remediation See Appendix		Disclaimer:					
Prior to Remediation See Appendix Post Remediation See Appendix			oloto only to the commi				
Prior to Remediation See Appendix Post Remediation See Appendix			elate only to the sampl				
Prior to Remediation See Appendix Post Remediation See Appendix			elate only to the sampl				
Prior to Remediation See Appendix Post Remediation See Appendix		The results within this report re	elate only to the sampl				
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer:	Appendix 2	The results within this report relate only to the sampling locations specified and their analysis. This report					
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer:	Appendix 2						
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer:	Appendix 2						
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer:	Appendix 2						
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer:	Appendix 2						
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer:	Appendix 2						
Prior to Remediation See Appendix Post Remediation See Appendix							
Prior to Remediation See Appendix Post Remediation See Appendix			elate only to the sample				
Prior to Remediation See Appendix Post Remediation See Appendix							
Prior to Remediation See Appendix			See Appendix 2				
Photos:			See Appendix 1				
Date – Type – Result N/A		Date – Type – Result	N/A				
			N/A				
			Ν/Δ				
			N/A				
			N/A				
			NI/A				
Sampling:			Lasta				
	paro standard of 0.01 I/IIII	Sampling:	ONPOSUIT STAINAIN C				
exposure star	sure standard of 0.01 f/ml	7.					
		Date – Type – Result					
		Date – Type – Result					
		Date - Type - Result					
		Date – Type – Result					
		Date – Type – Result					
exposure star	sure standard of 0.01 f/ml		exposure standard of				
exposure star	sure standard of 0.01 f/ml		exposure standard of				
	Sare Standard Of 0.01 I/IIII	Sampling:	CAPOSUIO Staridard C				
Sampling:							
			NI/A				
		Photos:	•				
		Prior to Remediation	See Appendix 1				
	ppendix 1		See Appendix 2				
Prior to Remediation See Appendix							
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer:	Appendix 2						
Prior to Remediation See Appendix Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full.	Appendix 2 ly to the sampling locations specified and their analysis. This report						
Prior to Remediation Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full.	Appendix 2 ly to the sampling locations specified and their analysis. This report	11					
Prior to Remediation Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full.	Appendix 2 ly to the sampling locations specified and their analysis. This report	Mark .					
Prior to Remediation Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full. Prepared By:	ly to the sampling locations specified and their analysis. This report. Approved By:	Kieran Mackowski					
Prior to Remediation Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full. Prepared By: Kieran Mackowski	ly to the sampling locations specified and their analysis. This report Approved By: Denny Bolatti						
Prior to Remediation Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full. Prepared By: Kieran Mackowski Occupational Hygienist	ly to the sampling locations specified and their analysis. This report Approved By: Denny Bolatti Principal Occupational Hygienist	Occupational Hygienist					
Prior to Remediation Post Remediation See Appendix Disclaimer: The results within this report relate only to the shall not be reproduced, except in full. Prepared By: Kieran Mackowski Occupational Hygienist	ly to the sampling locations specified and their analysis. This report Approved By: Denny Bolatti Principal Occupational Hygienist	Occupational Hygienist BSc Environmental Earth Scie	ence				













Appendix 1 – Photos Prior to Remediation



Notes: Fragment identified on Beach surface



Notes: Fragment identified on Beach surface



Notes: Fragment identified on Beach surface



Notes: Fragment identified on Beach surface















Notes: Fragment identified on Beach surface



Notes: Fragment identified on Beach surface



Notes: Fragment identified on Beach surface



Notes: Fragment identified on Beach surface















Notes: Fragment identified on Beach surface



Notes: Fragment identified on Beach surface



Notes: Fragment identified on Beach surface



Notes: Fragment identified on Beach surface



















Notes: Fragment identified on Beach surface











Appendix 2 – Photos Post Remediation



Notes: Beach surface following fragment removal



Notes: Beach surface following fragment removal



Notes: Beach surface following fragment removal



Notes: Beach surface following fragment removal













Notes: Beach surface following fragment removal



Notes: North Beach following inspection



Notes: Beach surface following fragment removal



Notes: Beach surface following fragment removal





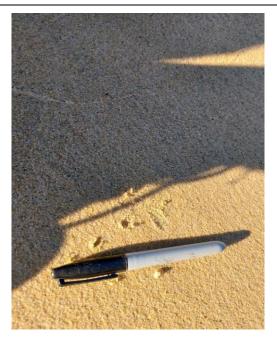








Notes: Beach surface following fragment removal



Notes: Beach surface following fragment removal



Notes: Beach surface following fragment removal



Notes: Western Beach following Inspection















Notes: Beach surface following fragment removal



Notes: Beach surface following fragment removal



Notes: Beach surface following fragment removal



Notes: Southern beach following Inspection













Appendix 3 - Clearance Certificate

Dear Ryan Zammit,

Pursuant to Clause 473 NSW Work Health and Safety Regulation 2017, Trinitas Group was engaged as an Occupational Hygienist to conduct a Clearance Inspection as required

The evidence to form a determination as to whether the Asbestos Containing Material remediation area is safe for normal use included the verification methods as outlined within clause 473 (3) of the NSW Work Health and Safety Regulation 2017.

I, Kieran Mackowski, an Occupational Hygienist of Trinitas Group Pty Ltd affirms that I undertook the Clearance Inspection. I am satisfied that the remediation area and area immediately surrounding it, are free from visual contamination.

Pursuant to clause 474 (5) of the NSW Work Health and Safety Regulation 2017, I state that, I, Kieran Mackowski, Occupational Hygienist, found no visible residue from remediation works in the area, or in the vicinity of the area, where the work was carried out.

Based on the verification methods required by the NSW Work Health and Safety Regulation 2017 Clause 473 the remediation area does not pose a risk to health and safety from exposure to Asbestos Containing Material during normal use.

Upon receipt of this Clearance Certificate, the remediation area may be re-occupied.

Regards,

Kieran Mackowski

Occupational Hygienist

BSc Environmental Earth Science















How to Contact Us

Mail Trinitas Group

PO Box 1376 Parramatta NSW 2124

Email <u>admin@trinitasgroup.com.au</u>

Address Level 3, 24 Hunter Street, Parramatta NSW 2150

Website www.trinitasgroup.com.au

Telephone 1800 4 TRINITAS 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 conditions exist.









