

14 NOV 2014

General Manager
Pittwater Council
PO Box 882
Mona Vale NSW 1660

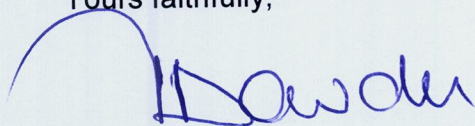
Dear Sir/ Madam

Complying Development Certificate No. 2011/154CDC

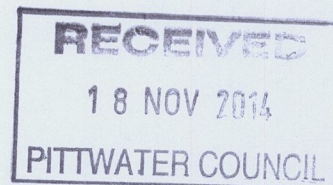
For Council's information, please find enclosed the following:

1. Occupation Certificate No. 2011/154CDC
2. A cheque for \$36.00 being Council's administration fee to accept the above. **Please send receipt to Insight Building Certifiers, PO Box 326, Mona Vale 1660.**

Yours faithfully,



Tom Bowden
Insight Building Certifiers Pty Ltd



\$36 REC: 370 533 18/11/14.

Determination of a Final Occupation Certificate Application

Made under Sections 109C(1)(c) and 109H of the Environmental Planning and Assessment Act 1979

Final Occupation Certificate No: 2011/154CDC

Land to which this certificate applies:

Address: 48 Irrubel Road, Newport

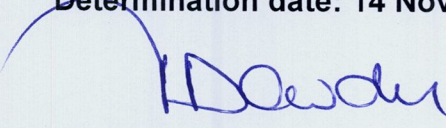
Lot No: A DP No: 408151

I approve the issuing of this Final Occupation Certificate and certify that:

- I have been appointed as the Principal Certifying Authority under Section 109E of the Environmental Planning & Assessment Act 1979.
- Complying Development Certificate No. 2011/154CDC has been issued with respect to the plans and specifications for construction of a swimming pool, pool terrace & associated retaining wall.
- The building is completed in accordance with its classification under the Building Code of Australia.
- A BASIX completion receipt has been issued for this development.
- Refer to the attached Schedule of all critical stage inspections.

Note: As an existing boundary fence forms part of a required child safety barrier, it is the owners responsibility to maintain all pool safety fencing together with any screen planting located adjacent in accordance with the requirements of the Swimming Pools Act & Regulations for the life of the swimming pool.

Determination date: 14 November 2014


Tom Bowden
Accredited Certifier – Accreditation No. BPB0042

**Schedule of critical stage inspections carried out or missed by the Principal
Certifying Authority** (Clause 151, 162A, 162B & 162C of the Environmental Planning & Assessment Regulations
1994)

Critical Stage Inspections	Inspected or Missed	Date Inspected
Prior to issue of a Complying Development Certificate	Inspected	17/08/2011
Excavation for footings	Inspected	18/10/2011
Prior to pouring of any in- situ reinforced concrete	Inspected	14/11/2011
Prior to the covering of any framework	n/a	
Prior to covering waterproofing in any wet area	n/a	n/a
Prior to covering any stormwater drainage connections	Inspected	20/04/2012
Other required inspections	Pool safety barrier	09/03/2012 & 20/04/2012
Final Inspection	inspected	20/04/2012

Schedule of Compliance Certificates or other documentary evidence relied upon to issue the Final Occupation Certificate

Geotechnical Compliance Certificate	Issued by Taylor Geotechnical Engineering Pty Ltd dated 30 October 2011.
BASIX Compliance Statement	Issued by Peninsula Projects dated 12 November 2014.
Geotechnical “Form 3” Certificate	Issued by Taylor Geotechnical dated 30 October 2011

BASIX Completion Receipt

Receipt no.: CR-1416010396105-A115220

This receipt is confirmation that the certifying authority identified below has satisfied the requirements of clause 154C of the Environmental Planning and Assessment Regulation 2000 for the development described in the 'BASIX Certificate details' section below.

Director-General
Date of issue: Saturday, 15/11/2014



Principal certifying authority

Name: Tom
Accreditation scheme: BPB
Accreditation number: 0042

Final Inspection

Date of final inspection: Friday, 20/04/2012

BASIX Certificate details

BASIX Certificate no.	A115220
Project name	Swimming Pool
Street address	48 Irrubel Road
Suburb	Newport
Postcode	2106
Local Government Area	Pittwater Council

BUILDING INSPECTION REPORT

Land to which this Building Inspection Report result sheet applies:

20/4/2012

Council Area : Pittwater

Date of Inspection 12/3/12

Address 48 Grubel Road Avalon

DA No. CC No. CDC No. 2011/154

Requested by: Beau Ph No. 0410 694 793

Critical Stage Inspections

- | | | |
|--|--|--|
| ☐ Site Assessment - Pre CC/ CDC Issue | ☐ Footings and Excavation | ☐ Waterproofing |
| ☐ PCA Signage | ☐ Steel Placement | ☐ Stormwater |
| ☐ Sediment Controls | ☐ Floor Framing / Slab | ☒ Pool Fence |
| ☐ Tree Protection Measures | ☐ Wall Framing | ☐ Final Inspection |
| ☐ Building Commencement | ☐ Roof Framing | ☐ Photographic record |
| ☐ Other (specify) | | |

☒ An inspection of pool safety fencing has been carried out and has been found to be in compliance with the plans and specifications as approved in that Construction Certificate/Complying Development Certificate.

☐ Complete the work detailed hereunder.

☐ Complete the work detailed hereunder and contact the Principal Certifying Authority to arrange a re-inspection. NB A re-inspection fee of \$_____ will be charged, which is payable **PRIOR TO THE RE-INSPECTION BEING CARRIED OUT.**

pool fencing considered
satisfactory

Signed: Dawson
Accredited Building Surveyor

Accreditation No. 18P150042

Date: 20/4/2012

BUILDING INSPECTION REPORT

Land to which this Building Inspection Report result sheet applies:

Council Area : Pittwater Date of Inspection 18/10/11

Address 48 I Samuel Road Newport

DA No. CC No. CDC No. 2011/154

Requested by: Beau Ph No. 0410 694 793

Critical Stage Inspections

- | | | |
|--|---|---|
| ☐ Site Assessment - Pre CC/ CDC Issue | ☒ Footings and Excavation | ☐ Waterproofing |
| ☐ PCA Signage | ☐ Steel Placement | ☐ Stormwater |
| ☐ Sediment Controls | ☐ Floor Framing / Slab | ☐ Pool Fence |
| ☐ Tree Protection Measures | ☐ Wall Framing | ☐ Final Inspection |
| ☐ Building Commencement | ☐ Roof Framing | ☒ Photographic record |
| ☐ Other (specify) | | |

☒ An inspection of piers and footings has been carried out and has been found to be in compliance with the plans and specifications as approved in that Construction Certificate/Complying Development Certificate.

☒ Complete the work detailed hereunder.

☐ Complete the work detailed hereunder and contact the Principal Certifying Authority to arrange a re-inspection. NB A re-inspection fee of \$ will be charged, which is payable PRIOR TO THE RE-INSPECTION BEING CARRIED OUT.

Geotechnical Engineer to certify foundation
material

Complete deep trench work to strip footings

Signed: A Barley Accreditation No. BPB0015 Date: 18/10/11 ✓
Accredited Building Surveyor

BUILDING INSPECTION REPORT

Land which this Building Inspection Report result sheet applies:

Council Area : P. Hunter Date of Inspection 14/11/2011

Address 48 TARRUM RD. NEWPORT

DA No. CC No. CDC No. 2011/154 CDX

Requested by: Beau Ph No. 0410 694 793

Critical Stage Inspections

- | | | |
|--|---|--|
| ☐ Site Assessment - Pre CC/ CDC Issue | ☐ Footings and Excavation | ☐ Waterproofing |
| ☐ PCA Signage | ☒ Steel Placement | ☐ Stormwater |
| ☐ Sediment Controls | ☐ Floor Framing / Slab | ☐ Pool Fence |
| ☐ Tree Protection Measures | ☐ Wall Framing | ☐ Final Inspection |
| ☐ Building Commencement | ☐ Roof Framing | ☐ Photographic record |
| ☐ Other (specify) _____ | | |

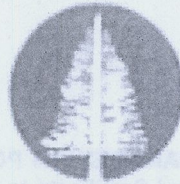
☒ An inspection of pool steel has been carried out and has been found to be in compliance with the plans and specifications as approved in that Construction Certificate/Complying Development Certificate.

☐ Complete the work detailed hereunder.

☐ Complete the work detailed hereunder and contact the Principal Certifying Authority to arrange a re-inspection. NB A re-inspection fee of \$ _____ will be charged, which is payable **PRIOR TO THE RE-INSPECTION BEING CARRIED OUT.**

satisfactory

Signed: [Signature] Accreditation No. 19826 Date: 14/11/2011
Accredited Building Surveyor



PENINSULA PROJECTS

Development Application for _____
Address of site: 48 Irrubel Road Newport

Declaration made by geotechnical engineer on completion of the Development
I, Jason Taylor in detail of Jason Taylor (Project or Company Name)
on this day 22 October 2014
being that I am a Geotechnical Engineer, Registered under Geotechnical Engineering in the Geotechnical Risk Management
Act 2008, I am authorised by the above registration to issue this Declaration and to certify that the
information provided for a current professional indemnity policy of \$1,000,000, I have not and will not within the Geotechnical Report as
per Form 1 dated 10 July 2008, released to you.

12 November, 2014

Report Title: Geotechnical Investigation 48 Irrubel Road
Report Date: 18 July 2008
Author: Jason Taylor
Author's Company/Registration: Jason Taylor Geotechnical Engineering Pty Limited

To Whom It May Concern:

I have read the report, in full, and I am satisfied that it complies with the requirements of the Geotechnical Risk Management Act 2008.

I have requested that the report be included in the Geotechnical Risk Management Act 2008, and I have requested that the report be included in the Geotechnical Risk Management Act 2008.

This letter is to certify that all aspects of the BASIX requirements, document no.A115220 for 48 Irrubel Rd Newport have been met.

Kind Regards

Beau Jones

Builder
258764c

GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER
FORM NO. 3 – Post Construction Geotechnical Certificate to be submitted with Occupation Certificate or
Subdivision Certificate

Development Application for _____	Name of Applicant _____
Address of site <u>48 Irrubel Road Newport</u>	

Declaration made by geotechnical engineer on completion of the Development

I, Lachlan Taylor on behalf of Taylor Geotechnical Engineering Pty Limited
(Insert Name) (Trading or Company Name)

on this the 30 October 2011

certify that I am a Geotechnical Engineer, Engineering-Geologist and/or Coastal Engineer as defined by the Geotechnical Risk Management Policy for Pittwater - 2009. I am authorised by the above organisation/company to issue this document and to certify that the organisation/company has a current professional indemnity policy of at least \$2million. I prepared and/or verified the Geotechnical Report as per Form 1 dated 16 July 2008 referred to below.

Geotechnical Report Details:

Report Title: <u>TGE2837 Report on Geotechnical Investigation 48 Irrubel Road Newport</u>
Report Date: <u>15 July 2008</u>
Author: <u>Lachlan Taylor</u>
Author's Company/Organisation: <u>Taylor Geotechnical Engineering Pty Limited</u>

☐ I reviewed the original structural design, and where applicable the subsequently amended structural details (below listed) which have been incorporated into the completed project.

☒ I have inspected and/or am satisfied that the foundation materials, upon which the structural elements (as detailed in the original and amended structural documents) of the development have been erected, comply with the requirements specified in the Geotechnical Report and the Construction Certificate approved Structural Plans.

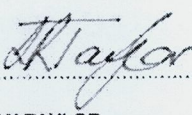
☐ I have inspected the site during construction and to the best of my knowledge, I am satisfied that the development referred to in the development consent D.A. _____ dated _____
(D.A.No) (Date consent given)

has been constructed in accordance with the intent of the Geotechnical Report, the requirements of the conditions of Development Consent and the Construction Certificate approved Structural Plans relating to the geotechnical issues (including any treatment and/or maintenance plan that may be required to remove risk where reasonable and practical).

I am aware that Pittwater Council require this certificate prior to issuing an occupancy certificate for the development identified above and will rely on this certificate in regard to the development having achieved the "Acceptable Risk Management" criterion defined in the Policy and that reasonable and practical measures have been taken to remove foreseeable risk.

List of all work as executed drawings and Ongoing Maintenance plans relevant to geotechnical risk management.

Barrenjoey Consulting Engineers Pty Ltd drawings, Job No. 091202, Drawing No. S1.0 to S6.00
TGE2837 Report on Geotechnical Investigation 48 Irrubel Road Newport

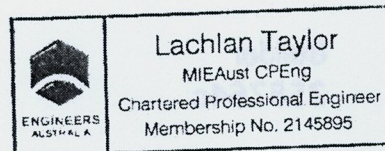
Signature 

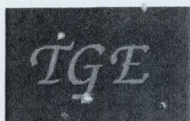
Name ... LACHLAN TAYLOR

Chartered Professional Status... MIEAust. CPEng.NPER

Membership No. ... 2145895

Company... Taylor Geotechnical Engineering Pty Limited





Taylor Geotechnical Engineering
Geotechnical Civil Engineers & Project Managers

Taylor Geotechnical Engineering Pty Ltd ABN: 22 120 426 155
PO Box 1906 Phone: (02) 9972 9238
Dee Why NSW 2099 Fax: (02) 9972 9239
taylorgeotech@bigpond.com Mobile: 0407 984 128

LRT
Report TGE2837-3
30 October 2011

Mrs. Kate Long
48 Irrubel Road
NEWPORT NSW 2106

Attention: Mrs. Kate Long

Dear Madam,

REPORT ON GEOTECHNICAL INSPECTION AND CERTIFICATION
FOUNDATION PIERS FOR SWIMMING POOL DEVELOPMENT
48 IRRUBEL ROAD NEWPORT

INTRODUCTION

This letter report details the results of geotechnical inspection undertaken at 48 Irrubel Road Newport. The builder for the swimming pool development requested the inspection on behalf of the property owner, Mrs. Kate Long.

The development comprises construction of a new in-ground concrete swimming pool and surrounds. Geotechnical inspection was made at completion of the drilling of the foundation piers.

The inspection was made by Lachlan Taylor of Taylor Geotechnical Engineering Pty Limited (TGE) in order to verify the founding strata for the foundation piers. Details of the inspection is given later in the report.

PIER DESIGN DETAILS

The pier design and layout for the foundation piers is shown on Barrenjoey Consulting Engineers Pty Ltd drawings, Job No. 091202, Drawing No. S1.0 to S6.00.



The foundation piers consisted of 450 mm diameter bored piers to be founded on weathered rock with an allowable bearing capacity of 750 kPa.

INSPECTION DETAILS & RESULTS

Lachlan Taylor of Taylor Geotechnical Engineering Pty Limited made an inspection of the pier holes for the foundation piers on Wednesday 19 October 2011. The inspection comprised a visual inspection of the founding material and measurement of the founding depths. It is understood that the foundation piers were drilled with an excavator mounted drilling rig fitted with a 450 mm diameter auger. The piers were drilled to depths ranging from 1.4 m to 5.4 m with all piers founded on at least low strength sandstone approved for a bearing capacity of at least 750 kPa.

CERTIFICATION

Based on the results of the onsite inspection carried out by Taylor Geotechnical Engineering Pty Limited of excavated pier holes, Taylor Geotechnical Engineering Pty Limited certifies that, to the best of its knowledge and belief, the foundation pier holes drilled onsite, have been drilled into strata of sufficient strength to comply with the design end bearing requirements as specified by Barrenjoey Consulting Engineers Pty Ltd.

Should you require any additional information please contact the writer at this office.

TAYLOR GEOTECHNICAL ENGINEERING PTY LIMITED,

Lachlan Taylor MIEAust. CPEng. NPER

Principal Geotechnical Engineer