

9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 9:18 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: FW: CVs / Reference Letters / NZIOB nominations.

9(2)(a) pleased to acknowledge receipt of three emails via my blackberry. I have not attempted to open them but do not anticipate a problem. Will check tomorrow. Have a good weekend. Regards Hugh

— original message ---

**From:** 9(2)(a) <9(2)(a)@fcc.co.nz>  
**Subject:** FW: CVs / Reference Letters / NZIOB nominations.  
**Date:** 8th October 2010  
**Time:** 9:13:09 pm

Hugh  
Last email, would appreciate you confirming receipt of three emails.  
Regards

9(2)(a)

The Fletcher Construction Company Ltd  
Level 2, 816 Great South Road, Penrose | Private Bag 92114, Auckland 1142

9(2)(a) <9(2)(a)@fcc.co.nz>

PRIDE OF PLACE: [www.fletcherconstruction.co.nz](http://www.fletcherconstruction.co.nz)

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Think GREEN before choosing to print this email

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 4:32 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: Darfield one month on

Hi 9(2)(a)

Yes, please call me on Tuesday morning - I will be in Auckland but relatively free between say, 9-11, for a quick catch up, if that works for you.

Sorry about the ambiguity in my message this morning - from a blackberry on the run...

Hugh

-----Original Message-----

**From:** 9(2)(a) [mailto:9(2)(a)@rms.com]  
**Sent:** Friday, 8 October 2010 11:42 a.m.  
**To:** Hugh Cowan  
**Subject:** RE: Darfield one month on

Hugh,

Sorry, did you mean I should call you on Tuesday or is something happening on Tuesday?

9(2)(a)

-----Original Message-----

**From:** Hugh Cowan [mailto:hacowan@eqc.govt.nz]  
**Sent:** Friday, October 08, 2010 11:16 AM  
**To:** 9(2)(a)  
**Subject:** RE: Darfield one month on

Thanks, it will be next Tuesday. Suggest you call me in the morning 9(2)(a)

--- original message ---

**From:** 9(2)(a) [mailto:9(2)(a)@rms.com]  
**Subject:** RE: Darfield one month on  
**Date:** 8th October 2010  
**Time:** 11:04:17 am

Hello Hugh,

You asked me to remind you about this e-mail.

9(2)(a)

-----Original Message-----

**From:** Hugh Cowan [mailto:hacowan@eqc.govt.nz]  
**Sent:** Monday, October 04, 2010 12:23 PM  
**To:** 9(2)(a)

Subject: RE: Darfield one month on

Hi, will talk to you soon. Pls remind me if necessary, before next week. Cheers Hugh

--- original message ---

From: 9(2)(a)@rms.com>

Subject: Darfield one month on

Date: 4th October 2010

Time: 12:20:17 pm

Hello Hugh,

I imagine you have been very busy over the last month. I just wanted to check in with you.

My engineering colleagues from California weren't able to make it out for field reconnaissance immediately after the earthquake. We've been following developments online and doing our own loss estimates for our clients.

I see from the NZSEE clearinghouse website that there is a lot of data being assembled. I would like to make sure that RMS keeps up to date with the lessons from the event so that we can improve our model. I've held back from contacting you so far as I'm sure you've had more pressing demands on your time. Please do not think that RMS is ignoring this event.

I'm keen to hear of meetings / workshops / field trips etc. that RMS could be involved in to learn from this event. I can't commit RMS time without authorisation but I'm personally keen that RMS contributes something to the discussion rather than simply absorbs the findings from other people's hard work. For example, could we use our modelling to test out sensitivities of losses to changes in various modelling assumptions etc.? Could we assist with GIS, digitising, database work etc.? No doubt we will all be learning from this event for some time to come.

All the best,

9(2)(a)

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9(2)(a)

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 3:56 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: Update on geospatial, geotechnical and science communication matters

Thanks 9(2)(a) keep up the good work! I am conscious that I have had no time to liaise with you on any of this work, but I have contracted 9(2)(a) to assist EQC with its strategic planning needs related to engineering requirements. I am focused largely on supporting a tender process for reinstatement project management for repairs to ~50,000 homes.

Summaries like this one are valuable for me.

Regards  
Hugh

**From:** 9(2)(a) [mailto:9(2)(a)@ecan.govt.nz]  
**Sent:** Friday, 8 October 2010 3:50 p.m.

9(2)(a)

Hugh Cowan;

**Subject:** Update on geospatial, geotechnical and science communication matters

Hi all

A long overdue email, I'm sorry. Like everyone involved in this recovery I seem to be spending most of my days in meetings, rather than actually being able to get things done!

An update on things geospatial and geotechnical, and a bit of science comms information:

#### **Geospatial**

A list of currently available remote sensing and aerial photo datasets is available on the Environment Canterbury website at <http://ecan.govt.nz/news-and-notices/Pages/2010-canterbury-earthquake-technical-data.aspx>. Feel free to contact me or one of our GIS team if you need further details. Most datasets are freely available for use in earthquake recovery work, but we will need to follow up with data use agreements for most datasets. We (or rather 9(2)(a) at SDC) are currently looking to acquire some Digital Globe (Worldview-2) satellite imagery taken approximately one week after the earthquake covering areas between Halswell and Lake Ellesmere, and possibly a small area between Kaiapoi and Woodend that is not covered by high resolution aerial photography. We may need to purchase this if we cannot acquire it free of charge.

#### **Geotechnical**



It has been agreed by researchers and authorities that a coordinated effort in data gathering and research into the occurrence and nature of liquefaction, and implications for the future, is required. To this end I have been working with local authority (CCC, SDC, WDC, ECan) planners and GIS specialists, as well as researchers from the Natural Hazards Research Platform (GNS Science, UoC, UoA), Landcare, Tonkin & Taylor (for EQC) and other individuals, to help coordinate research and application going forward from the initial science response. I apologise if there are some of you that I haven't touched base with personally yet.

To summarise VERY briefly and at a VERY high level (and this by no means covers all bases - but it puts you in the picture more than you might have been up to now):

- A lot of data has been collected, and some interpretation made, on liquefaction and lateral spreading since the earthquake. Some of this information is confidential (most T&T/EQC data) and some is available (University of Canterbury/GNS data). This data collection needs to continue over the coming weeks. This includes both remote sensing/aerial photo interpretation using imagery captured in the week after the earthquake, as well as on-site testing.
- Interpretation of data is required to answer a number of questions - some short-term (days-weeks - mostly in the hands of EQC/Govt, which we are currently waiting for), some medium term (weeks-months), some long term (months-years). Some interpretation may need to be done with incomplete data, or the data that is available at the time, but that is ok.
- I am working with the Urban Development Strategy partners (ECan, CCC, SDC, WDC, NZTA) to develop a particular brief of work for the Natural Hazards Research Platform that specifically looks at implications of liquefaction on subdivision consents in process, private plan changes in process and implications for Plan Change 1 (implementation of the Urban Development Strategy). This work will draw on data already collected or being collected at present by a number of individuals (I am aware that some councils already have consultants looking at specific areas) and supplemented by further specific data gathering. Data collected as part of this brief will also be available for other research. This brief will be finalised by the end of next week.

There are a number of other pieces of work that need to be undertaken in the medium to long term (i.e weeks to months to years). These include:

- is the impact of this earthquake acceptable?
- analysis of strong ground motions and the relationship to liquefaction occurrence
- how liquefaction has affected flood risk, stormwater/drainage, infrastructure and buildings
- development of a better geological model for greater Christchurch
- comparison of liquefaction occurrence with the 2004/5 ECan report and older geological and soil maps of the greater Christchurch areas
- analysis of whether our previous assumptions still hold true
- development of a new susceptibility/hazard/risk map for greater Christchurch
- how do we prepare for the next earthquake (in particular the Alpine Fault?)
- specific case studies - Pegasus township, Lancaster Park, etc?
- paleoliquefaction studies

There is still uncertainty around funding for much of this work. At present it is being done within existing budgets but this is not sustainable in the long term. It is likely that we will need to put a case forward to the Recovery Commission when it is formed (and possibly others) for additional funding for the work, hence the need for a coordinated approach. There is some urgency for this data collection, research and application work to be properly scoped - 9(2)(a) and I are working on this at present, with assistance from a number of you.

I will finalise the brief for the Urban Development Strategy piece of work by the end of next week. I will be working closely with the Natural Hazards Research Platform to help them scope the medium to long term programme of work that will come out of this event. There are obviously other partners that will be able to contribute to this programme and we will work with you as well.

Please let me know if anything here strikes you as completely wrong. Please also let me know if there are other major pieces of work that are underway at the moment, so we are aware of them.

### Science communication

I am still producing a weekly factsheet about the earthquake and some of it's effects. It is intended to explain to the community what has happened and what is likely to happen (or not) in the coming weeks. It is updated each Friday, but most of the content has stayed the same since the first factsheet on Sept 17. The factsheet distills information from a number of sources and is intended to spell out a few simple facts in language people can understand without

them having to trawl through internet sites or newspapers. It is available on the Environment Canterbury website at <http://ecan.govt.nz/news-and-notice/Pages/2010-canterbury-earthquake-technical-info.aspx> and hard copies have been distributed to some CCC service centres and libraries, and recovery centres, and it is forwarded each week to comms people at a number of organisations for them to distribute. Feel free to pass on to anyone who may be interested, or to use the information as you see fit in your own material.

In addition GeoNet is preparing a special Canterbury earthquake edition of their regular 6-monthly GeoNet News magazine, outlining what GeoNet has been doing in response to the earthquake, plus a few earthquake facts. GeoNet hopes this will be printed during the week 18-22 October, and there will be additional copies sent down to Chch for distribution. It will also be on the GeoNet website.

I hope you all have a relaxing weekend.

Regards

9(2)(a)

9(2)(a)

Environment Canterbury

9(2)(a)

www.ecan.govt.nz

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[www.ecan.govt.nz](http://www.ecan.govt.nz)

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9(2)(a)

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 3:53 p.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** addition to call log

9(2)(a)

Grateful if you would add to our call log a conversation I just had with 9(2)(a) one of the unsuccessful respondents (with 9(2)(a))

9(2)(a) acknowledged our notification of the outcome of the shortlisting evaluation, and expressed the view that we had missed an opportunity to bench-mark others' cost management model(s) by not allowing a face-to-face discussion of their proposal.

The conversation was amicable and I reiterated that we would offer a de-brief opportunity and that all interested parties would also be encouraged to approach the PMO once appointed, to negotiate a basis for contributing resources and experience to the recovery effort.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)



9(2)(a)

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 3:27 p.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** RE: CE - 001 EQC - RFP some general Q&A

Dear 9(2)(a)

In answer to your earlier questions:

9(2)(i)



regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI +9(2)(a)

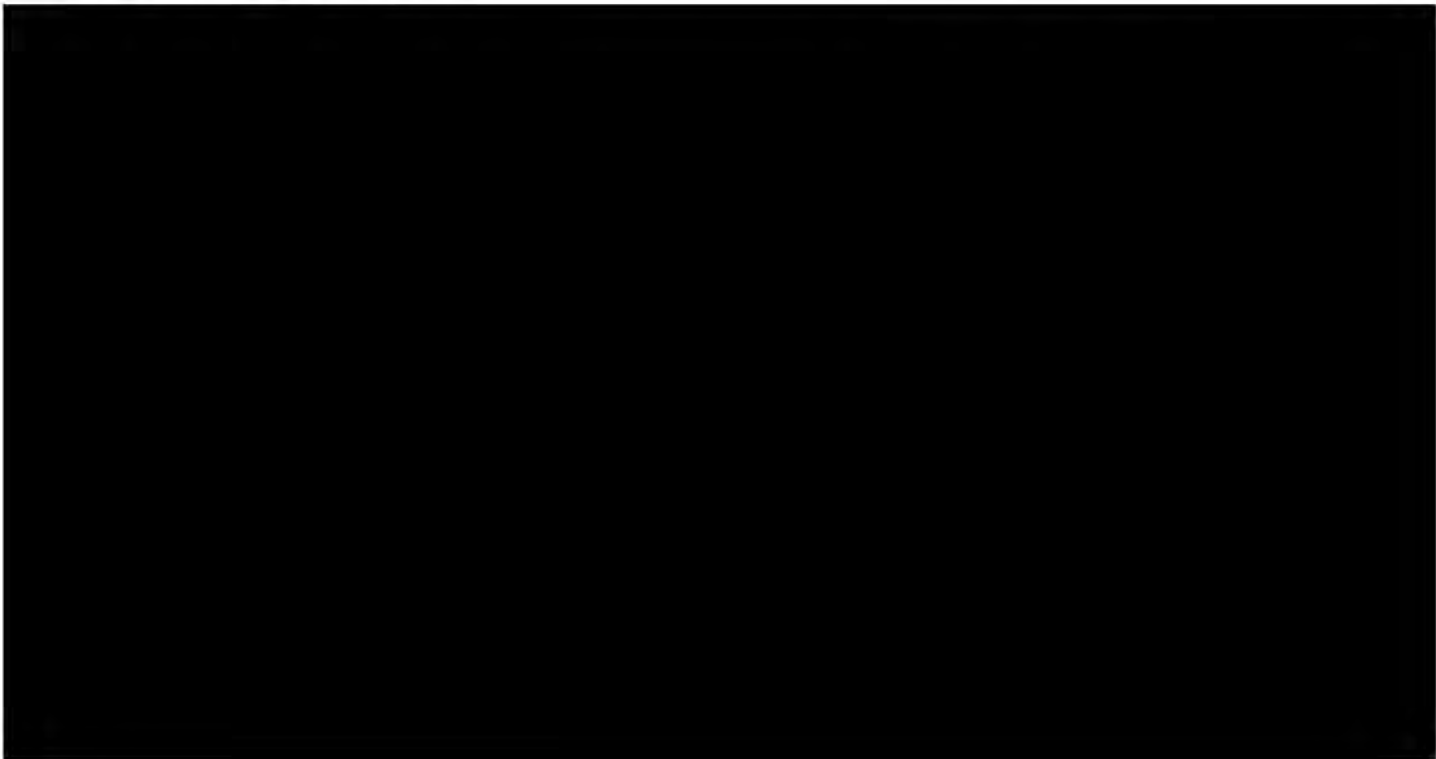
9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 3:25 p.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** EQC reinstatement project management - some Q&A

Dear 9(2)(a)

EQC has received some general questions from the Beca-Arrow-Opus alliance that it has answered and wishes to release the answers to Fletchers also.



Regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 2:22 p.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** FWD: Initiatives the Department of Building and Housing has developed in response to the Canterbury Earthquake  
**Attachments:** Initiatives the Department of Building and Housing has developed in response to the Canterbury Earthquake



9(2)(a)

**From:** 9(2)(a)@dbh.govt.nz>  
**Sent:** Friday, 8 October 2010 2:16 p.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** Initiatives the Department of Building and Housing has developed in response to the Canterbury Earthquake  
**Attachments:** Building Consent Decision Tree V4.ppt; Copy of B004.doc; Copy of B-390.doc; building-work-that-does-not-require-a-building-consent-short-guide.pdf

Good afternoon Hugh, 9(2)(a) has asked that I email you and provide information on some of the initiatives that have been developed in response to the Canterbury Earthquake. The documents referred to in this email are attached below. After our conversation if you were to concentrate on the Building Consent Decision Tree that would probably be more of the level you are looking for.

**Building consent decision tree:**

This document describes several work streams that councils in Canterbury region can use to streamline their consent processes and prioritise recovery. Councils have traditionally put all work through the same process, this document prompts them to consider other alternatives depending on the people doing the work, risk and complexity of the work and the specific situation. Please note that we are still working on some of the processes behind the work streams suggested with the councils and the industry.

**Schedule 1 Exempt building work**

The Department has, in conjunction with the effected councils, developed guidance on building work that does not require a building consent. Schedule 1 was also extended Canterbury Earthquake (Building Act) Order 2010.

**Schedule 1 (k) case by case exemptions**

The Department has worked closely, particularly with Christchurch City Council, on a list of building work that the council considers does not need a building consent. This is based on who is doing the work such as Licensed Building Practitioners.

Christchurch City Council, with the assistance and support of the Department, has also developed a streamlined process for case by case exemptions from the requirement to obtain a building consent, this included developing a simple application form and specific guidance (section F of the B-390 doc).

**Other initiatives**

The Department is also working with EECA and the effected councils in relation to a streamlined process for the installation of solid fuel heaters (16000 chimneys have been destroyed or demolished).

The Department has also committed to increase the amount of Licensed Building Practitioners in the Canterbury region. This will assist councils to streamline their processes because they can then place some reliance on the fact that a certain level of competence has been achieved and some loosening of the compliance reins can be achieved.

9(2)(a)

**Department of Building and Housing**

*Te Tari Kaupapa Whare*

DDI: 9(2)(a)

Mob:

Fax:

Level 6, 86 Customhouse Quay

PO Box 10 729, Wellington, New Zealand

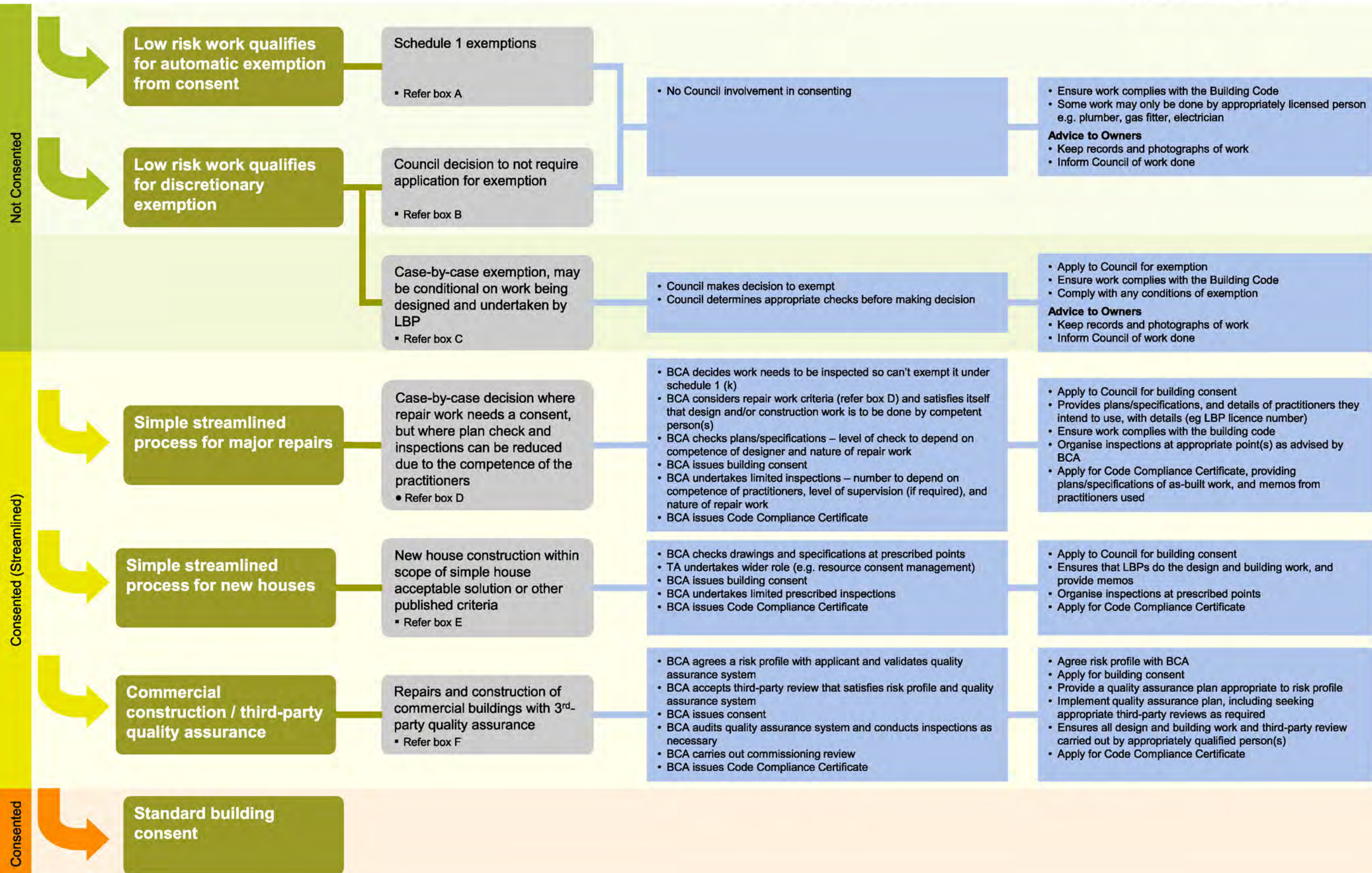


# Building Consent Decision Tree – Streamlined Process

Released under the Official Information Act 1982

## TA / BCA Process

## Owner Obligations





# Building Consent Decision Tree – Streamlined Process

Released under the Official Information Act 1982

## **Box A** Low risk work qualifies for automatic exemption from consent

- List of work exempted from consent, Building Act Schedule 1 (a) – (j)
  - Essentially allows for repair and replacement with comparable materials or systems, including some structural repairs
- For Canterbury recovery:
  - Demolitions of detached buildings
- Eg Would enable demolition of chimney, repairs to roof structure and cladding and installation of heatpump; replacement of an isolated and/or a small proportion of the total number of piles

## **Box B** Low risk work qualifies for discretionary exemption (prior Council decision to not require application)

- Building Act Schedule 1 (k)
  - (i) is unlikely to be carried out otherwise than in accordance with the building code; or
  - (ii) if carried out otherwise than in accordance with the building code, is unlikely to endanger people or any building, whether on the same land or on other property.
- Could be applied to ANY work
- Requires prior Council decision and publication of scope and conditions

## **Box C** Low risk work qualifies for discretionary exemption (case-by-case)

- Building Act Schedule 1 (k)
- (i) is unlikely to be carried out otherwise than in accordance with the building code; or
  - (ii) if carried out otherwise than in accordance with the building code, is unlikely to endanger people or any building, whether on the same land or on other property.
- Could be applied to ANY work

Targeted at LBP designers and builders, with no inspections

- Eg repair of structural damage to concrete foundations

## **Box D** Simple streamlined process for major repairs

- Repair work that needs a consent, but where plan check and inspections can be reduced due to the competence of the practitioners
- Criteria for BCA to take into account:
  - Level of damage (yellow, red placards)
  - Location of building
  - Building type and use
  - Complexity of repair work
  - Methodology/technical approach proposed by applicant
  - Competence of persons put forward to the work
- Competent practitioners would vary according to the nature of the work (taking into account the criteria above) but would include:
  - CPEng
  - Registered architect
  - LBP Design
  - LBP (Carpentry, Roofing, Brick and Blocklaying, Foundations)
  - LBP Site (for site supervision purposes)
  - Technical specialists (such as remedial structural expert, slab repair expert)
  - Non-licensed practitioners that have proven to BCA in the past that they are competent
- Plan Check and Inspections – limited in scope based on competence of designer/practitioner, and nature of repair work
- Eg levelling of concrete slab-on-ground houses and repair of damaged structural systems (bracing elements eg gib); reinstatement of collapsed floors; strengthening of damaged masonry elements

## **Box E** Simple streamlined process for new houses

- Based on Simple House Acceptable Solution (or similar criteria)
- Limited prescribed checks on plans (to be determined)
- Limited prescribed inspections (to be determined)
- Could incorporate variant for MultiProof

## **Box F** Commercial construction / third-party quality assurance

- Risk profiles to be determined
- Targeted at established large or specialist design firms and construction companies
- Eg repair of damaged structural masonry

## Notes

1. BCAs undertake random surveillance inspections of any building work, which:
  - need not be announced (though industry and owners will be informed they may occur)
  - should not impede work progress
  - may lead to a notice to fix if the BCA is not satisfied.
2. Owners are obliged to notify the Council of any variations in work (e.g. scope, materials) and/or change in contracted Licensed Building Practitioner and comply with any notices to fix.



<b>Repairing or replacing a chimney or flue</b>	
<b>Repair of a solid fuel heater (eg, wood burner)</b>	Replacing an existing solid fuel heater with a new one requires a building consent.
<b>Repairing or replacing roof and wall cladding material and roof purlins</b>	Except: <ul style="list-style-type: none"> <li>▪ Replacing lightweight materials with heavy weight materials (eg, corrugated iron with concrete tiles)</li> <li>▪ replacing bracing elements (eg, sheet plywood)</li> <li>▪ fire-rated materials</li> </ul>
<b>Repairing or replacing doors and windows (joinery and glazing)</b>	Except fire-rated doors or windows
<b>Repairing or replacing stairs</b>	
<b>Repairing effluent disposal systems (eg septic tanks)</b>	Must be done by a licensed drainlayer
<b>Repairing private foulwater and stormwater drains</b>	Must be done by a licensed drainlayer
<b>Repairing or replacing spouting and down pipes</b>	
<b>Sanitary plumbing repairs (fixtures, fittings and pipework)</b>	Must be done by a certifying plumber
<b>Hot water cylinder repairs</b>	Must be done by a certifying plumber.
<b>Minor repair to foundations (eg, concrete slab, piles and subfloor structure)</b>	<ul style="list-style-type: none"> <li>▪ Covers repairs to minor cracks (eg, concrete slab) where reinforcing steel is not damaged or exposed</li> <li>▪ Allows replacement of an isolated and a small proportion of the total number of piles.</li> <li>▪ May need engineering oversight depending on the level of damage.</li> </ul>
<b>Repairing or replacing walls which are not load-bearing or structural (internal and external)</b>	Except: <ul style="list-style-type: none"> <li>▪ bracing elements (eg, sheet plywood, bracing plaster board)</li> <li>▪ load-bearing/structural walls</li> <li>▪ fire-rated materials</li> </ul>
<b>Repairing internal ceiling, wall and floor linings and finishes (eg. in bathrooms, kitchens and laundries)</b>	Except: <ul style="list-style-type: none"> <li>▪ bracing elements (eg, sheet plywood, bracing plaster board)</li> <li>▪ fire-rated materials (example)</li> </ul>
<b>Repairing or replacing retaining walls</b>	<ul style="list-style-type: none"> <li>▪ Allows repair to all retaining walls of any size or height.</li> <li>▪ Allows replacement of retaining walls with a maximum height of 1.5 metres and not supporting any other loads such as buildings, vehicle areas</li> </ul>
<b>Repairing or replacing fences and hoardings</b>	<ul style="list-style-type: none"> <li>▪ If replacing with entirely new fence, must not exceed 2 metres in height</li> </ul>
<b>Repairing signs</b>	
<b>Constructing or repairing stop banks, culverts</b>	May need engineering oversight depending on the size and complexity.
<b>Replacing tanks and pools including swimming pools</b>	<ul style="list-style-type: none"> <li>▪ Replacement is allowed for varying sizes up to 35,000 litres. The height of structural support allowed will depend on the size of the tank or pool (check with your council).</li> </ul>
<b>Repairing or replacing decks (including balustrades)</b>	<ul style="list-style-type: none"> <li>▪ Damaged structural members on decks over 1 metre in height may be repaired or replaced, but professional advice should be sought</li> </ul>
<b>Repairing or replacing pergolas, porches, verandahs, awnings, canopies</b>	<ul style="list-style-type: none"> <li>▪ Where fully replacing with all new structure check with your council because there are different size limits for these without consent</li> </ul>
<b>Repairing systems such as air-conditioning plant and machinery, fire alarm, lift, sprinkler system, automatic doors</b>	<ul style="list-style-type: none"> <li>▪ Minor repairs allowed.</li> <li>▪ Does not allow complete or substantial replacement of such a system without consent</li> </ul>
<b>Energy work (gasfitting, electrical)</b>	<ul style="list-style-type: none"> <li>▪ Gasfitting must be done by a certifying or licensed gasfitter</li> <li>▪ Electrical work must be done by a registered electrician</li> <li>▪ Electrical work that relates to any specified system is not exempt</li> </ul>

Environmental Policy & Approvals Unit

# Application for Building Consent Exemption

Building Act 2004: Schedule 1, paragraph (k)

## 1. The Applicant

For Office Use
Application No:
Date Received:

Name of Owner: .....  
[Include preferred title, e.g. Mr, Ms, Mrs, Miss if an individual.]

Owner's Postal Address: .....

Email: .....

Phone Number: ..... Mobile: .....

Name of Contact Person: .....  
[If different from the owner, or if the owner is a company, trust, or similar.]

Contact Person's Postal Address: [Must be a New Zealand address.] .....

Email: .....

Phone Number: ..... Mobile: .....

## 2. Application and Authorisation

I request that the Council exempts the building work described in this application from the requirement to obtain a building consent.

Signed: ..... Dated: .....

Signature of: ..... Owner / Authorised agent (On behalf of and with the consent of the owner.)  
(Print name) (Delete one)

My preferred method of written communication is:  Email  Post

## 3. Location of Proposed Work

Street address: [Include Level and Unit No.] .....

Legal description of land where building is located: Lot No: ..... DP: .....

Lawfully established use: [From Clause A1 Classified Uses of the New Zealand Building Code.] .....

Year first constructed: [Insert year – an approximate date is acceptable, e.g. 1920s or 1960-1970.] .....

## 4. Nature of Proposed Work

Please describe clearly all the building work you wish to be covered by the exemption. If the proposed work includes repair work, please also describe the damage that is being repaired: [If required, you can attach a separate document.]

.....

.....

.....

.....

Please explain how you will ensure that compliance with the New Zealand Building Code is achieved and/or how any danger to people or buildings will be avoided or mitigated during and after completion of the building work: [If required, you can attach a separate document.]

.....  
.....  
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Please provide the names, occupations and any relevant registration/licence numbers of all the people who will carry out the building work. (Note that exemptions are more likely to be approved if the work is to be carried out by building professionals such as Licensed Building Practitioners, Chartered Professional Engineers and Licensed Certifying Plumbers and Drainlayers):  
[If required, you can attach a separate document.]

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.....

Please list any attachments or additional information you are submitting with this form (e.g. photos, calculations, producer statements (PS1 – Design or PS2 – Design Review, sketches/plans or specifications): [If required, you can attach a separate document. ]

.....  
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## 4. Service Connections and Vehicle Crossings

To assist us with advising you about other requirements, please answer the following three questions:

(a)	Is an existing water connection to be removed with this project?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(b)	Is a new stormwater connection to the street required?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(c)	Is a new vehicle crossing required or an existing crossing altered for this project?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

## 5. Information

### GENERAL INFORMATION:

General information can be found on our website at <http://www.ccc.govt.nz/homeliving/buildingplanning/index.aspx>. Please check that the forms that you are using are current at the time of application as they are subject to change without notice.

**No work is to start until the Exemption from Building Consent is approved.**

**Building Consent Exemption Fees:** All applications require a non refundable deposit to be paid on lodgement. The balance of any charges payable will be invoiced on approval. The latest Schedule of Fees ([form B-301](#)) is available on our website or from one of our Service Centres. The charges incurred by the Council in processing this application are payable whether the project proceeds or not. The Council may use discretion in refunding part of the deposit if the total costs are significantly less than the deposit.



**LODGING AN APPLICATION:** Released under the Official Information Act 1982

Applications can be lodged via the following methods:

- Electronically: send an email request to [buildingconsentapplication@ccc.govt.nz](mailto:buildingconsentapplication@ccc.govt.nz) and we will reply with instructions.
- Post: send your application to: Christchurch City Council Building Approvals Office PO Box 73013 Christchurch 8154 For enquiries phone (03) 941 8999.
- Hand delivered to either Civic Offices or Lyttelton Service Centre where technical assistance is available.

**Please note that all processing is now electronic, and there are advantages in submitting your application through our File Transfer Portal as this avoids the delay and costs of scanning.**

**Applications should be lodged and uplifted at the following Service Centres (where technical assistance is available). Note that postal applications will be reviewed for completeness before lodgement.**

Location	Street Address	Postal Address	Phone	Email
<b>Civic Offices</b>	53 Hereford Street Christchurch 8011	Building Approvals Office PO Box 73013 Christchurch 8154	941-8999	<a href="mailto:info@ccc.govt.nz">info@ccc.govt.nz</a>
<b>Lyttelton Service Centre</b>	35 London Street Lyttelton 8082	Building Approvals Office PO Box 73013 Christchurch 8154	941-8999 0800 800 169	<a href="mailto:info@ccc.govt.nz">info@ccc.govt.nz</a>

# Information for Homeowners & Building Practitioners: Building work that does not require a Building Consent

[ Specific only to Christchurch City Council and beyond that already  
covered by Schedule 1 of the Building Act ]

This document sets out Christchurch City Council's policies on what will be exempt from the requirement to obtain a building consent under Schedule 1(k) of the Building Act. It is additional to building work that is already exempt under Schedule 1 (a) – (j).

This document should be read in conjunction with other information that is available on exempt work. This can be viewed from the following websites:

- Information for Homeowners or Building Practitioners (<http://resources.ccc.govt.nz/files/CDEM/InfoForHomeownersOrBuildingPractitioners.pdf>).  
*Please note that although the repair or replacement of a chimney or flue is exempt from building consent, it should still be carried out by an approved installer. A separate document is available on this.*
- A guide to Schedule 1 (<http://www.building.dbh.govt.nz/bc-no-consent/>).
- Canterbury Earthquake (Building Act) Order 2010 (SR 2010/315) (enacted on 16 September 2010) ([http://www.legislation.govt.nz/regulation/public/2010/0315/latest/DLM3240732.html?search=ts\\_all%40act%40bill%40regulation%20canterbury+earthquake%20resel&p=1](http://www.legislation.govt.nz/regulation/public/2010/0315/latest/DLM3240732.html?search=ts_all%40act%40bill%40regulation%20canterbury+earthquake%20resel&p=1)).

Schedule 1 of the Building Act 2004 paragraph (k) allows the Council to exempt work from the requirement to obtain building consent where it is satisfied that:

- 1) The building work is unlikely to be carried out other than in accordance with the Building Code *or*
- 2) If carried out other than in accordance with the Building Code is unlikely to endanger people or any building, whether on the same land or any other property.

**IMPORTANT NOTE: ALL building work (whether subject to consent or not) is required to comply with the Building Act, Building Code and all other laws, including:**

- **Resource Management Act 1991** - You should consult with Council Planners especially where you have a Heritage or Character building, or there may be an effect on neighbours.
- Plumbers Gasfitters & Drainlayers Act 2006.
- Electricity Act 1992.
- Fire Service Act 1975.
- Hazardous Substances & New Organisms Act 1996.

The responsibility for complying with all requirements remains with the owner and those people carrying out the work. If in doubt engage the services of a competent building professional or practitioner to step you through the regulatory system.

You may also provide information to the Council with regard to work that you have carried out, which will be placed on the file for your property. This will be recorded on any future Land Information Memorandum as being work carried out under exemption that has not been checked by the Council. This may prove beneficial when you come to sell your home or building in future.

## Repairs without Building Consent

If you are doing repairs without a building consent we advise you to seek professional advice and keep records of the work done and who carried out the work. This will assist when you come to sell your home in the future, as purchasers are likely to have questions about the damage caused by the earthquake, who repaired it and if it was done properly.

- Get expert advice.
- Use a skilled and professional building practitioner.
- Get several quotes for the work and ask for references.
- Keep records of the work done (e.g. photos) and who did it.
- Consult with your insurer and EQC.

**Sections A to E cover work that can be carried out without involving the Council.**

**Section A: DIY Building Work** - Work that can be completed by any person.

**Section B: Drainlayers Work** - Work that can be carried out by a Certified Drainlayer.

**Section C: Licensed Building Practitioner Work** - Work that can be carried out if designed and/or carried out, or supervised by a Licensed Building Practitioner (LBP).

**Section D: Engineer Designed Work** - Work that can be carried out if designed by a Chartered Professional Engineer (CPEng).

**Section E: Engineer Designed and Supervised Work** - Work that can be carried out if designed *and supervised* by a Chartered Professional Engineer (CPEng).

**Section F: Work requiring specific Council approval**  
Exemptions that may be approved on a case-by-case basis by the Council on application.



**Section A: DIY Building Work** (Work that can be completed by any person).

	<b>Summary</b>	<b>Detail</b>
1.	Fencing and hoardings not exceeding 2.5 metres above the supporting ground.	The construction, installation, replacement, alteration of a fence (except a fence as defined in Section 2 of the Fencing of Swimming Pools Act 1987), or hoarding, in each case of a height not exceeding 2.5 metres above the supporting ground.
2.	Awnings and canopies not exceeding 20m <sup>2</sup> .	The construction, installation, alteration, replacement, or removal of any fabric, plastic, glass, or metal awning on any building that – I. Is on the ground or first floor level, and II. Does not exceed 20 square metres in area.
3.	Shade Sails not exceeding 50m <sup>2</sup> in area.	The construction, installation, alteration, replacement, or removal of any fabric shade sail and any structural support of the shade sail that – I. Is on the ground level or if on a building is on the ground or first floor level, and II. Does not exceed 50 square metres in area, and III. Is not closer than 1 metre to any legal boundary.
4.	Signs no more than 3 metres high and with a face area not exceeding 6m <sup>2</sup> in area.	The construction, installation, alteration, replacement of any sign (whether freestanding or attached to a building) and any structural support of the sign, where - I. The face area of the sign does not exceed 6 square metres, and II. The highest point of the sign is no more than 3 metres above the supporting ground level.
5.	Height restriction gantries.	The construction, installation, alteration, replacement, or removal of any height restriction gantries (e.g. a vehicle height warning in car park).
6.	Private playground equipment.	The construction, installation, alteration, replacement, or removal of private playground equipment used in association with a single household where no part of the equipment extends more than 3 metres above the ground.
7.	Replacing heavy roof cladding with light metal roof cladding.	Replacing heavy roof cladding (e.g. concrete tiles) and battens with either metal roof tiles and battens or long run metal roofing and purlins.
8.	The removal of chimneys and solid fuel heaters.	The removal of chimneys and solid fuel heaters (e.g. log burners) in a dwelling if it does not reduce the structural stability of the dwelling..
9.	Removal of detached non-habitable building not exceeding 75m <sup>2</sup> in floor area.	The removal of any detached non-habitable building that does not – I. Exceed 4 metres in height above the supporting ground, or II. Exceed 75 square metres in floor area, or III. Contain food preparation facilities, sanitary facilities, or facilities for the storage of potable water.
10.	Dish antennae.	The construction, installation, alteration, replacement, or removal of any dish antennae attached to a building, where I. The dish diameter does not exceed 2.5 metres, and II. The dish is mesh (not solid), and III. The maximum height of the dish above it's point of attachment to the building is 4 metres.
11.	Removal of any plinth.	The removal of any plinth or similar foundation that was used for the purpose of supporting mechanical plant, a tank, equipment, machinery or the like.
12.	Removal of a sign.	Removal of any sign (whether freestanding or attached to a building) and any structural support of the sign.



**Section B: Drainlayers Work** (Work that can be carried out by a Certified Drainlayer in accordance with the Plumbers, Gasfitters and Drainlayers Act 2006)See register at: <http://www.pgdb.co.nz/>.

	Summary	Detail
1.	Extension of a stormwater or sewer lateral.	The extension of a stormwater or sewer lateral from the Network Utility Operator (NUO) system to 600mm inside the private boundary.
2.	Stormwater drainage connection from an accessory building to an existing system.	The extension of an existing stormwater system to include the roof stormwater from an accessory building that - <ol style="list-style-type: none"> <li>I. Does not exceed 40 square metres in area, and</li> <li>II. Is a gravity fed system.</li> </ol> <p><i>Note: This does not include new connections to a Network Utility Operator system</i></p>

**Section C: Licensed Building Practitioner Work** (Work that can be carried out if designed and/or carried out or supervised by a Licensed Building Practitioner (LBP))See register at: <http://lbp.dbh.govt.nz/publicregister/search.aspx?f=christchurch&lc=LIC008&search=1&p=1>.

	Summary	Detail
1.	Repair or replacement of piles to a single storey building.	Repair or complete or substantial replacement, by LBPs or under the supervision of LBPs (insofar as relevant licence classes apply), of piles in a single storey building with comparable piles.
2.	Repair or replacement of a deck up to 3 metres high.	The construction, installation, alteration, replacement, or removal by LBPs or under the supervision of LBPs (insofar as relevant licence classes apply), of any deck, platform, footbridge, boardwalk, or the like, from which it is possible for a person to fall no more than 3 metres (including in the event of collapse), provided that the platform, footbridge, boardwalk, or the like does not require specific design.
3.	Repair or replacement of earthquake damaged structural roof members.	Repair or replacement of up to 20% of structural roof members in each roof plane of a building where they have been damaged as a result of the September 2010 earthquake or it's subsequent aftershocks.
4.	Repair or replacement of earthquake damaged structural wall members.	Repair or replacement of up to 20% of structural wall members in each wall of a building where they have been damaged as a result of the September 2010 earthquake or it's subsequent aftershocks.

**Section D: Engineer Designed Work** (Work that can be carried out if designed by a Chartered Professional Engineer (CPEng))See register at: <http://www.ipenz.org.nz/IPENZ/finding/professional-engineer.cfm>.

	Summary	Detail
1.	Plinths.	The construction, installation, alteration, replacement, of any plinth or similar foundation that: <ol style="list-style-type: none"> <li>I. Is erected for the purpose of supporting mechanical plant, a tank, equipment, machinery or the like, and</li> <li>II. Is designed by a CPEng.</li> </ol>
2.	Playground equipment.	Playground equipment designed by a Chartered Professional Engineer (CPEng) installed in a public place for a government department, Crown entity (including a school), licensed early childhood centre or a local authority. <p><i>Note: NZS 5828 is an appropriate method of addressing safety from falling in most cases.</i></p>



**Section E: Engineer Designed & Supervised Work** (Work that can be carried out if designed and supervised by a Chartered Professional Engineer (CPEng)).

See register at: <http://www.ipenz.org.nz/IPENZ/finding/professional-engineer.cfm>.

	Summary	Detail
1.	Signs.	The construction, installation, alteration, replacement of any sign (whether freestanding or attached to a building) and any structural support of the sign, where the sign is designed and supervised by a CPEng.
3.	Interim structural strengthening.	Building work that is essential for reasons of safety or to prevent further serious damage to property, as an initial step in the process of full-scale alteration (including repairs) or demolition of an earthquake damaged building.

**Section F: Specific exemptions that will be considered by the Council on application.**

In addition to the exemptions above, the Council will consider an application for exemption on a one off basis for individual projects.

Typically information to support these applications includes:

- Applicants name (including owner or agent) and contact details.
- A clear description of the location and nature of the proposed work including any plans and specifications for the work.
- Details of the people who will carry out the work including registration numbers where applicable. (N.B the council is more likely to look favourably at your application if professionals such as licensed building practioners, chartered professional engineers and licensed certifying plumbers and drainlayers are used).
- A description, appropriate to the proposal, of how the applicant will ensure that the work will comply with the Building Code; and of any danger to people or buildings and how that danger will be avoided or mitigated..

**Note:** The work will not be inspected by the Council for Building Code compliance, however information about the application may be provided to other teams in the Council who may inspect for other reasons (e.g. to confirm that connections to Council services have been terminated in the case of a demolition, to check on damage to Council assets or to check town planning requirements).

Subject to the provision of information outlined above, examples of work that **may** be considered for an exemption are, without limitation:

1. Small detached non-habitable buildings eg sheds or garages.
2. Larger detached non-habitable buildings in rural zones e.g. haybarns.
3. Dwelling substructure repair or replacement.
4. Demolition of earthquake damaged large buildings.
5. Internal alterations to commercial buildings that have a minor affect on specified systems.
6. Temporary structures in place for less than a month (e.g. large marquees).

**THESE EXAMPLES SHOULD NOT BE READ AS BEING AUTOMATICALLY EXEMPT. APPROVAL MUST BE SOUGHT FROM COUNCIL ON A CASE BY CASE BASIS.**



BUILDING WORK THAT DOES NOT REQUIRE A BUILDING CONSENT	LIMITATIONS AND FURTHER EXPLANATIONS
Repairing or replacing pergolas, porches, verandahs, awnings, canopies	<ul style="list-style-type: none"> <li>Replacement is allowed up to 20 square metres but only: <ul style="list-style-type: none"> <li>on ground or first storey levels; and</li> <li>over a deck or patio.</li> </ul> </li> </ul>
Repairing systems such as air-conditioning plant and machinery, fire alarm, lift, sprinkler system, automatic doors	<ul style="list-style-type: none"> <li>Minor repairs allowed.</li> <li>Does not allow complete or substantial replacement of such a system without consent.</li> </ul>
Energy work (gasfitting, electrical)	<ul style="list-style-type: none"> <li>Gasfitting must be done by a certifying or licensed gasfitter</li> <li>Electrical work must be done by a registered electrician</li> <li>Electrical work that relates to any specified system is not exempt</li> </ul>
Repairing or constructing a new carport	Replacement is allowed up to 20 square metres.
Replacement or alteration of internal wall and floor linings and finishes in a dwelling	Care should be taken when replacing or altering internal linings as they can often contribute to the buildings structural performance.
Replacing or installing thermal insulation	<p>Must not include:</p> <ul style="list-style-type: none"> <li>in-wall foam insulation; or</li> <li>an external wall of the building; or</li> <li>an internal wall of the building that is a fire separation (also known as a firewall).</li> </ul>
Making penetrations in buildings (eg, for heat pump installations) and associated weather- or fire-proofing	Penetrations are allowed up to 300mm in diameter (eg, to enable the passage of pipes, cables, ducts, wires or hoses).
Demolition of damaged buildings	<p>Demolition is allowed where the building is:</p> <ul style="list-style-type: none"> <li>detached (that is, stand-alone); and</li> <li>less than 3 storeys high.</li> </ul> <p>Care must be taken to ensure that service connections (eg, water, electricity, gas, sewerage and stormwater) are properly disconnected and that people and other property are protected during demolition works.</p> <p>Skilled and professional practitioners should be used for major demolition work.</p> <p>No demolition work should be undertaken on Heritage or Character Buildings without first checking with your local Council for their approval.</p>



Department of  
Building and Housing  
*Te Tari Kaupapa Whare*

## Canterbury Earthquake Recovery Information for Homeowners and Building Practitioners

### Building Work that does not require a Building Consent AS AT 20 SEPTEMBER 2010\*

#### SUPPORTING CANTERBURY'S RECOVERY

Central and local government are working together to support Canterbury's recovery.

A lot of repairs to buildings can be done straightaway without a building consent.

This document details the work that people in the Canterbury region can do now, and without the need for a building consent.

Even though a building consent may not be required, repair work must still comply with the New Zealand Building Code. Because of this, we urge you to use a skilled and professional building practitioner for this work. Generally, buildings constructed to the current New Zealand Building Code, performed well in the earthquake, so don't compromise on quality or your safety and the long term value of your home with hasty repairs that do not meet Code requirements.

#### PLEASE NOTE

If you still have concerns about the safety of your property you should seek advice from someone experienced in construction such as a builder, building surveyors, designer, architect or engineer.

If your repairs are likely to be covered by insurance don't forget to contact the Earthquake Commission and your insurance provider.

#### REPAIRING OR REBUILDING YOUR PROPERTY

New Zealand's building law allows home and building owners to do a range of repair work without a building consent from your local Council, as long as you use comparable materials to repair and replace damaged buildings and put things back in the same place. In some cases the work must be done by a suitably qualified person.

An order in council (a type of law) has also been passed to allow further, limited building repairs, replacement and demolition work, without a building consent in earthquake affected areas of Canterbury under the jurisdiction of:

- Christchurch City Council
- Selwyn District Council; and
- Waimakariri District Council

Further details and advice are provided in tables on the following pages.

#### SAFEGUARD YOURSELF, YOUR HOME AND YOUR FUTURE

If you are doing repairs without a building consent we advise you to seek professional advice and keep records of the work done, and who carried out the work. This will assist when you come to sell your home in the future, as purchasers are likely to have questions about the damage caused by the earthquake, who repaired it and if it was done properly.

- Get expert advice.
- Use a skilled and professional building practitioner.
- Get several quotes for the work and ask for references.
- Keep records of the work done (eg photos) and who did it.
- Consult with your insurer.

Further information on building work that does not require a building consent is available from your local Council or the Department of Building and Housing. Phone 0800 242 243 or visit the website [www.dbh.govt.nz](http://www.dbh.govt.nz)

Information on selecting a tradesperson is available at: [www.consumerbuild.org.nz](http://www.consumerbuild.org.nz)

#### USEFUL CONTACT DETAILS

Department of Building and Housing 0800 242 243

Selwyn District Council (03) 347 2800

Earthquake Government Helpline 0800 77 99 97

Earthquake Commission: 0800 DAMAGE (0800 32 62 43)

Christchurch City Council (03) 941 8999

Waimakariri District Council (03) 311 8900

Healthline 0800 61 11 16

For earthquake help and information visit:  
[www.canterburyearthquake.govt.nz](http://www.canterburyearthquake.govt.nz)



**IMPORTANT NOTE! THE BUILDING WORK NOTED BELOW THAT IS IN A GREEN HIGHLIGHTED BOX CAN ONLY BE DONE BY PEOPLE IN THE JURISDICTION OF CHRISTCHURCH CITY COUNCIL, SELWYN DISTRICT COUNCIL OR WAIMAKARIRI DISTRICT COUNCIL AND ONLY UNTIL THE 16 SEPTEMBER 2011 AND DOES NOT APPLY TO OTHER AREAS**

BUILDING WORK THAT DOES NOT REQUIRE A BUILDING CONSENT	LIMITATIONS AND FURTHER EXPLANATIONS
Repairing or replacing a chimney or flue	Given the risk that inadequately repaired chimneys can pose, skilled and professional building practitioners should be used.
Repair of a solid fuel heater (e.g. wood burner)	<ul style="list-style-type: none"> <li>You can repair an existing solid fuel heater.</li> <li>Replacing it with a new one requires a building consent.</li> </ul>
Repairing or replacing roof and wall cladding material and roof purlins	<p>Must not include:</p> <ul style="list-style-type: none"> <li>replacing lightweight materials with heavy weight materials (e.g. corrugated iron with concrete tiles).</li> <li>replacing a complete system / all of the bracing elements (e.g. sheet plywood).</li> <li>fire-rated materials.</li> </ul>
Repairing or replacing doors and windows (joinery and glazing)	<p>Must not include:</p> <ul style="list-style-type: none"> <li>fire-rated doors or windows.</li> <li>replacing automatic doors or windows (except in houses).</li> </ul>
Repairing or replacing stairs	Given the risk that inadequately repaired stairs can pose, skilled and professional building practitioners should be used.
Repairing effluent disposal systems (e.g. septic tanks)	Must be done by a certifying drainlayer.
Repairing private foulwater and stormwater drains	Must be done by a certifying drainlayer.
Repairing or replacing spouting and down pipes	
Sanitary plumbing repairs (fixtures, fittings and pipework)	Must be done by a certifying plumber.
Hot water cylinder replacement or repositioning	<p>Must be done by a certifying plumber.</p> <p>The exemption does not apply where the hot water cylinder is:</p> <ul style="list-style-type: none"> <li>not open vented (ie, if it is valve vented then a building consent is needed); or</li> <li>has an uncontrolled heat source (eg, if connected to a wetback or solar heating system then a building consent is needed); or</li> <li>has a controlled heat source other than gas or electricity.</li> </ul>

BUILDING WORK THAT DOES NOT REQUIRE A BUILDING CONSENT	LIMITATIONS AND FURTHER EXPLANATIONS
Minor repair to foundations (eg, concrete slab, piles and subfloor structure)	<ul style="list-style-type: none"> <li>Covers repairs to minor cracks (eg, concrete slab) where reinforcing steel is not damaged or exposed.</li> <li>Allows replacement of an isolated and a small proportion of the total number of piles.</li> <li>May need engineering oversight depending on the level or nature of damage.</li> <li>Given the risk that inadequately repaired foundations can pose, skilled and professional building practitioners should be used.</li> </ul>
Repairing or replacing walls which are not load-bearing or structural (internal and external)	<p>Must not include:</p> <ul style="list-style-type: none"> <li>replacing a complete system / all of the bracing elements (eg, sheet plywood, bracing plaster board).</li> <li>load-bearing/structural walls.</li> <li>fire-rated materials.</li> </ul>
Repairing internal ceiling, wall and floor linings and finishes (eg. in bathrooms, kitchens and laundries)	<p>Must not include:</p> <ul style="list-style-type: none"> <li>bracing elements (eg, sheet plywood, bracing plaster board)</li> <li>fire-rated materials</li> </ul>
Repairing or replacing retaining walls	<ul style="list-style-type: none"> <li>Allows repair to all retaining walls of any size or height.</li> <li>Allows replacement of retaining walls with a maximum height of 1.5 metres and not supporting any other loads such as buildings, vehicle areas.</li> </ul>
Repairing or replacing retaining walls in a rural zone	<ul style="list-style-type: none"> <li>Allows replacement of retaining walls with a maximum height of 3 metres, but only where: <ul style="list-style-type: none"> <li>the distance between the wall and any legal boundary or existing building is at least 3 metres; and</li> <li>the wall has been designed by a chartered professional engineer.</li> </ul> </li> </ul>
Repairing or replacing fences and hoardings	If replacing with entirely new fence, must not exceed 2 metres in height.
Repairing signs	
Constructing or repairing stop banks, culverts	May need engineering oversight depending on the size and complexity.
Replacing tanks and pools (including swimming pools)	Replacement is allowed for varying sizes up to 35,000 litres. The height of structural support allowed will depend on the size of the tank or pool (check with your council).
Repairing or replacing decks (including balustrades), bridges and boardwalks	<ul style="list-style-type: none"> <li>Entire replacement of decks, bridges and boardwalks under 1.5 metres in height is allowed.</li> <li>Damaged structural members on decks, bridges and boardwalks over 1.5 metres in height may be repaired or replaced, but professional advice should be sought before commencing work.</li> </ul>



9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 1:49 p.m.  
**To:** 9(2)(a)  
**Subject:** FWD: EQC media statement  
**Attachments:** EQC media statement

9(2)(a)

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**From:** 9(2)(a)  
**Sent:** Thursday, 7 October 2010 5:28 p.m.  
**To:** 9(2)(a)  
**Subject:** EQC media statement  
**Attachments:** Shortlist for EQC Tender.docx

Attached please find a media statement from the Earthquake Commission.



**Media Release**

**7 October 2010**

## **Shortlist Selected to Repair Residential Properties in Canterbury Region**

Ian Simpson, chief executive of the Earthquake Commission, has announced that the Commission has shortlisted two organisations out of 14 parties approached to project manage the repair of residential properties damaged during the Canterbury earthquake.

The organisations shortlisted are Fletcher Construction and a consortium consisting of BECA, Arrow International and OPUS International Consultants.

“They are well known in New Zealand, understand the Canterbury region and have a strong track record in project delivery,” says Mr Simpson.

EQC is now working through the details to finalise who will be appointed to co-ordinate the repair work.

“It is anticipated that negotiations will conclude by the October 15 and we are planning for the first repairs to start as soon as possible after that,” he says.

“This is a significant step toward reinstating homes in the Canterbury region.”

The shortlist was selected from a competitive tender process of New Zealand and multi-national companies.

**ENDS**

**Further information:**

Jo Martin Communications Adviser

Phone: (029) 978-6430  
(04) 978-6400

Email: [info@eqc.govt.nz](mailto:info@eqc.govt.nz)

Website: [www.eqc.govt.nz](http://www.eqc.govt.nz)



9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 12:51 p.m.  
**To:** 9(2)(a)  
**Subject:** Fwd: FW: Canterbury earthquake follow-up learning programme  
**Attachments:** Fwd: FW: Canterbury earthquake follow-up learning programme

9(2)(a) this a case of some folk seeking to be all things to all people? I dont have a problem with aligning efforts under a broader banner, but so far the involvement of IPENZ although well intentioned has not been particularly effective. Not my intention to find fault, merely sense that there is too much operational responsibility in different areas for this to be led by professional associations or societies. Probably a question of nuance, hence my preference to delegate any response to you :) cheers Hugh

9(2)(a)

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**From:** 9(2)(a)  
**Sent:** Friday, 8 October 2010 12:00 p.m.  
**To:** Hugh Cowan  
**Subject:** Fwd: FW: Canterbury earthquake follow-up learning programme

Hugh

FYI, see below.

If of benefit, please share with others at EQC, many of who will also have views for the way ahead?

9(2)(a)

9(2)(a)

----- Forwarded message -----

**From:** 9(2)(a) <[redacted]@dia.govt.nz>  
**Date:** Fri, Oct 8, 2010 at 11:01 AM  
**Subject:** FW: Canterbury earthquake follow-up learning programme  
**To:** 9(2)(a)

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**From:** 9(2)(a) <[redacted]@ipenz.org.nz>  
**Sent:** Friday, 8 October 2010 9:36 a.m.

9(2)(a)

**Subject:** Canterbury earthquake follow-up learning programme

c.c. 9(2)(a)

9(2)(a)

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Members of the Engng Leadership Forum

9(2)(a)

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Dear 9(2)(a)

This note is to summarise the workplan we drafted for the reflective work following the Canterbury Earthquake, with you wearing at different times the hat of President of NZSEE and at others the hat of an employee of MCDEM.

In terms of specific and focused work programmes we suggested the following:

1. **Response Phase.** We noted that the event was of a sufficiently low magnitude that a largely BAU approach worked, and a special register of engineers to be dispatched to hostile living and working conditions was not needed. However, the same may not be true in larger events. We agreed that even after several years we had not agreed the right “model” for storing information on engineers, using that information, deploying engineers and then withdrawing those engineers (within NZ or the SW Pacific). The view was that **MCDEM should lead the reflective work**, and that work must lead to an agreed model for engineer identification and deployment (amongst other things). That review would consider the lifelines approach for service supply, but also the model to deploy and withdraw building inspection services. If there is then a need for a service agreement with IPENZ to maintain information and 24/7 available expertise to interrogate that information that need will be identified in the model. This work needs to be completed and fed in to the present review of the long term plan. There is urgency. It is suggested that MCDEM form a **reference group of other interested parties**.



2. **Building Performance.** There is a need for a “blameless” review of building performance which may lead in turn to educational programmes, to building code and standard changes, and perhaps to the way that competence of engineers is assessed. We suggested that to keep the blameless culture **NZSEE, SESOC and NZGS should lead that work**, with a **reference group including DBH, EQC and IPENZ**, plus any other relevant parties. You indicated that NZSEE is already collecting observations on its website, and is planning to publish these in the December issue of its journal.

3. **Specific Building review.** Although not envisaged as necessary at this time for Canterbury, we agreed that the right approach in future such incidents is what has been put in place for Southland Stadium. In that case, DBH has appointed an expert independent panel drawing on relevant expertise, who will report findings to DBH, IPENZ and others as appropriate. The advantage of this approach is that through DBH working with the local building consent authority much better and quicker access to specific design and construction industry can be obtained.

4. **Land Use.** We agreed that there needs to be reflection on the processes by which at-risk land can be designated for building. The need seems to be a review of process and risk investigation in the planning by local government. I indicated that this topic will be discussed at a meeting involving the NZPI, NZIA, IPENZ, NZIS and NZGS on 19 October in Auckland (5 pm at the NZ Planning Institute). We suggested that the **model of a working group with a wider reference group would be appropriate**. Clearly, EQC, GNS Science, Local government, perhaps even DoC and MfE are important stakeholders. You pointed out that the previous work e.g. of the Centre for Advanced Engineering on land use and hazard mitigation is substantial, and needs to form the starting point. The work should probably be broader than just land liquefaction.

5. **Restoration of Heritage Buildings.** I indicated that ACENZ had expressed interest in the topic of appropriate technical standards, e.g. what materials can be used? Standards that are appropriate for considering one building at a time might not be affordable when many buildings require restoration at the same time. This might be a matter in which the **NZIA might take the lead, working with NZHPT, NZSEE, SESOC** the Insurance Council, ourselves and others.

We then moved on to talk about follow-up more generally. Of vital concern was that there was one agreed set of follow-up programmes with the minimum possible overlap or confusion. Given the number of players and complex inter-relationships it seemed sensible for there to be a high level lead, and this probably has to come from Government – DPMC? The methodology that might be followed should follow a well-established good practice – you mentioned the US national plan for investigation following earthquake which sets out a five year programme. We also posed the question as to whether the previously identified set of stakeholders and the way in which they should be connected had been followed or whether there had simply been on the spot connections made.

We then talked about communications to the public and others. I indicated that IPENZ was seeking to interest television in a documentary on the success of the lifelines approach to the restoration of infrastructural services. However, there may be a need for a wider plan.

We spoke briefly about the Pacific Conference on Earthquake Engineering 14-16 April in Auckland, with the planned workshop in advance on SW Pacific Earthquake resilience. There may be an associated Christchurch visit.

I indicated that from an IPENZ perspective, we would need to consider the activities in which we might be involved as part of our engineering practice programme. The Engineering Practice Board meets on 12 October, and I undertook to make these notes available to them. There is limited resourcing for the total engineering practice programme although our governing Board could divert resource if there was an appropriate need. The Engineering Leadership Forum also meets that day.

For now, can you confirm these notes. I also ask those to whom they have been copied to make any response they can before Wednesday 13 October when you will be meeting with a group here at IPENZ of those who took lead roles in the engineering component of the response phase. From my viewpoint I am happy these notes be on-copied to others e.g. at the Insurance Council, EQC etc.

My thanks

9(2)(a)

9(2)(a)

9(2)(a)

Institution of Professional Engineers New Zealand (IPENZ)

P O Box 12-241, Wellington 6144

DDI 9(2)(a)

Mobile

9(2)(a)

=====  
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=====

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9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 11:34 a.m.  
**To:** 9(2)(a)  
**Subject:** FWD: RE: EQC - RFP  
**Attachments:** RE: EQC - RFP



9(2)(a)

---

**From:** 9(2)(a)  
**Sent:** Friday, 8 October 2010 11:17 a.m.  
**To:** Hugh Cowan  
**Subject:** RE: EQC - RFP

Answers below.

Please realise that the vast majority of claims assessed to date are either fast track or involve land and are over the cap – neither will be in the PMO.

9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 10:47 a.m.  
**To:** 9(2)(a)  
**Subject:** FW: EQC - RFP  
**Importance:** High

9(2)(a)

Grateful if you would give careful thought to answering these questions, with reply to me asap. The answers will assist/guide answers to the questions we have posed in writing ahead of Monday's meeting – see attached.

Also, do you feel it is important for 9(2)(a) to meet the parties at this stage or can you cover the EQC Ops side?

Hugh

---

**From:** 9(2)(a)@beca.com]  
**Sent:** Friday, 8 October 2010 10:10 a.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** RE: EQC - RFP  
**Importance:** High

Hugh,

Two assist us to prepare responses to your queries, we would appreciate your advice on the following:

[REDACTED]

It is our intention for the following people to attend our interview on Monday

9(2)(a) from Beca  
9(2)(a) from Arrow

9(2)(a) from Opus

Please let me know if there are any others from our team that you would like to meet on Monday,

9(2)(a)

Beca

on behalf of

Beca, Arrow International Limited and Opus International Consultants Limited

Phone: 9(2)(a)  
DDI: 9(2)(a)@beca.com  
www.beca.com

---

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-----Original Message-----

From: 9(2)(a)@EQC.govt.nz  
Sent: Wednesday, 6 October 2010 2:17 pm  
To: 9(2)(a)  
Cc:  
Subject: RE: Earthquake building consenting & code compliance resourcing.

9(2)(a)

Our best guess - and that is what it is as we have only seen about 10% of claims to date - would be as follows

Assuming we get 100,000 claims (currently about 90,000)

30,000 non-structural under \$10,000 of which about 8,000 are contents only 50,000 between \$10k - \$100k which will be dealt with via our repair office 5,000 chimney only which will be dealt with under the EECA scheme 5,000 over \$100,000

As I say very rough estimate at this stage.

Regards

9(2)(a)

-----Original Message-----

From: 9(2)(a)  
Sent: Wednesday, 6 October 2010 11:55 a.m.  
To: 9(2)(a)  
Cc:  
Subject: RE: Earthquake building consenting & code compliance resourcing.

9(2)(a)

Good talking to you.

Either 9(2)(a) @ EQC will be able to provide you with dwelling building consent requirement numbers. Our members are unlikely at this stage to have any real numbers on over EQC cap.

Commercial claims for building damage in Christchurch we understand to be in the region of 320 plus where structural repairs could be required.

Hope this helps.

Best regards

9(2)(a)

ANZIIF (Snr Assoc) CIP  
Insurance Council of New Zealand  
PO Box 474 Wellington  
New Zealand 6140  
Tel 9(2)(a)  
DDI  
Fax  
Mo

[www.icnz.org.nz](http://www.icnz.org.nz)

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-----Original Message-----

From: 9(2)(a) @ccc.govt.nz]  
Sent: Tuesday, 5 October 2010 12:49 p.m.  
To: 9(2)(a)  
Cc:  
Subject: Earthquake building consenting & code compliance resourcing.

Re-I am trying to add together all the numbers that may end up as building consent applications from ECCA- fireplaces, EQC under \$100k; & Insurance companies over \$100k, etc so we do some forward resource planning to avoid holding up the rebuilding process, at consenting stage.

Can you all provide numbers to me please? Or forward this email to people who can. (Thanks) Hi 9(2)(a)

CC: 9(2)(a)

I have left a couple of phone messages re- workload planning for building consenting .



I would like a list of the insurance & EQC claim types & numbers to help me plan staff resources that will be needed to process the building consent applications.

I have heard some numbers & if they are correct I will have to plan to double my consenting staff numbers which also adds to the mix office space, training etc.

Can I have an estimate from your office of say the following:

- \* Solid fuel heaters (ECCA/EQC)
- \* Minor repair work (residential)
- \* New houses
- \* Commercial repair work
- \* New Commercial buildings

Can I also have an indication of timelines when these consents will be applied for:

- \* (E.g.. October 50 new houses, 100 minor repair consents etc).

1. (Example of issues to have a plan for) Domestic consenting and inspection processes.

That the insurers have project managers, (contracted suppliers) that handle a number of bundled up property claims, That council liaise directly with the project managers only.

\* Objective is to streamline processes but achieve compliance

\* Need guidance material for practitioners to encourage common approaches to similar problems in repair / rebuild, (Foundation details etc)

\* Check that project manager roles (EQC and insurers) cover management/facilitation of the consent applications - to avoid unnecessary hassle From Building consent to code compliance stage)

\* Encourage dialogue between project managers and CCC to streamline processes or deal with particular issues.

\* Check co-ordination arrangements between EQC and Insurers, especially for areas where remedial works beyond properties is required.

9(2)(a)

Christchurch City Council.

Email 9(2)(a)@ccc.govt.nz

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 10:49 a.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** RE: EQC - RFP

9(2)(a)

Thanks very much – I have passed your questions to my colleagues running the field ops. I will revert with answers as soon as they are at hand.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

---

**From:** 9(2)(a)@beca.com]  
**Sent:** Friday, 8 October 2010 10:10 a.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** RE: EQC - RFP  
**Importance:** High

Hugh,

Two assist us to prepare responses to your queries, we would appreciate your advice on the following:

[REDACTED]

It is our intention for the following people to attend our interview on Monday

9(2)(a) from Beca  
9(2)(a) from Arrow  
9(2)(a) from Opus

Please let me know if there are any others from our team that you would like to meet on Monday.

9(2)(a)

Beca

on behalf of  
Beca, Arrow International Limited and Opus International Consultants Limited

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 10:47 a.m.  
**To:** 9(2)(a)  
**Subject:** FW: EQC - RFP  
**Attachments:** BAO Alliance.pdf

**Importance:** High

9(2)(a)

Grateful if you would give careful thought to answering these questions, with reply to me asap. The answers will assist/guide answers to the questions we have posed in writing ahead of Monday's meeting – see attached.

Also, do you feel it is important for 9(2)(a) to meet the parties at this stage or can you cover the EQC Ops side?

Hugh

---

**From:** 9(2)(a)@beca.com]  
**Sent:** Friday, 8 October 2010 10:10 a.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** RE: EQC - RFP  
**Importance:** High

Hugh,

Two assist us to prepare responses to your queries, we would appreciate your advice on the following:

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9(2)(a)

Beca

on behalf of  
Beca, Arrow International Limited and Opus International Consultants Limited

9(2)(a)@beca.com  
www.beca.com





7 October 2010

The Beca, Arrow International and Opus Alliance  
119 Armagh Street  
CHRISTCHURCH

Attention 9(2)(a)

Dear 9(2)(a)

**CE001 – Reinstatement Project Management**

Thank you for your proposal received 4<sup>th</sup> October. We appreciate your response in such a short space of time and we found your proposal extremely valuable. The Earthquake Commission has reviewed all proposals and has selected a short-list of two organisations to undertake further detailed discussion and review. The two parties are your Alliance and Fletcher Construction.

We wish to meet the key members of your delivery team in Wellington on Monday 11<sup>th</sup> October. We will confirm details with you shortly. However, to assist our preparation for the meeting could you please provide a written response to the following points as soon as possible and no later than 8am Monday 11<sup>th</sup> October by email to [hacowan@eqc.govt.nz](mailto:hacowan@eqc.govt.nz):

9(2)(i)



9(2)(1)

It is our intention to select the preferred PMO by Friday the 15<sup>th</sup> of October, and for that PMO to commence work immediately pursuant to a letter of intent while the final commercial matters and contract are determined.

Please note that this process will be subject to rigorous public and Government scrutiny, and by agreeing to attend the interview on Monday you are also agreeing not to discuss this matter with any shortlisted party without EQC's prior written consent.

Yours sincerely

A handwritten signature in black ink, appearing to read 'H. Cowan', written over a horizontal line.

Hugh Cowan  
Research Manager  
Earthquake Commission



9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 10:43 a.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** RE: Fw: data question

9(2)(a)

9(2)(a) has kindly agreed to help with this.

Cheers  
hugh

---

**From:** 9(2)(a) [mailto:9(2)(a)@gns.cri.nz]  
**Sent:** Friday, 8 October 2010 10:03 a.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** Re: Fw: data question

9(2)(a) email does not appear to be below. Hugh could you forward her the latest list of potential reserach projects. She can then get in contact with those she needs to.

Cheers  
9(2)(a)

9(2)(a)  
Community Resilience and Hazards Planning  
GNS Science  
1 Fairway Drive, Avalon  
PO Box 30368  
Lower Hutt  
New Zealand  
<http://www.gns.cri.nz/services/hazardsplanning/>

9(2)(a)

08/10/2010 09:08

cc  
Subject Fw: data question

9(2)(a)

Joint Centre for Disaster Research  
GNS Science/Massey University  
PO Box 30 368  
Lower Hutt  
New Zealand

Ph: 9(2)(a)  
Fax:  
Mob:

NEW!!!! Visit the Centre's web site

<http://disasters.massey.ac.nz/>

----- Forwarded by 9(2)(a) GNS on 08/10/2010 09:07 -----  
"Hugh Cowan" <HACowan@eqc.govt.nz>

To: 9(2)(a)@gns.cri.nz  
cc

04/10/2010 14:57

Subject FW: data question

Hi 9(2)(a)

I have not responded to this enquiry because I am frankly too busy and the question is too general. Grateful if you would find an appropriate door to put it through and respond on my behalf. Thanks - if you can. If for any reason you cannot or do not wish to then let me know. Cheers,  
Hugh

-----Original Message-----

From: Reception3 On Behalf Of EQC Info  
Sent: Monday, 4 October 2010 2:48 p.m.  
To: Hugh Cowan  
Subject: FW: data question

Hello,

I am a researcher at the University of Canterbury. We are designing some research projects following the large earthquake in Canterbury. Could you please put me in contact with the research/data team?

Thanks, 9(2)(a)

9(2)(a)

9(2)(a)

Department of Geography  
GeoHealth Laboratory  
University of Canterbury

9(2)(a)

[http://www.canterbury.ac.nz/spark/Researcher.aspx?researcherid=9\(2\)\(a\)](http://www.canterbury.ac.nz/spark/Researcher.aspx?researcherid=9(2)(a))

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Please delete this email if you are not the intended addressee.



9(2)(a)

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 10:00 a.m.  
**To:** 9(2)(a)  
**Subject:** Visit to DC

9(2)(a)

Sorry for the very slow response from me, perhaps needless to say I am immersed in the recovery process – leading an RFP process for reinstatement project management – a \$1 billion contract to repair up to 50,000 homes. I still plan to travel.

I would be happy to give a talk at IRIS – perhaps an overview of the impact and recovery from the Chile M8.8 and the Canterbury M7.1.

Other plans for my time in DC are as follows – courtesy of 9(2)(a)

Hi Hugh,

9(2)(a) of NSF would like to meet with you the afternoon of the 19th. 9(2)(a) and 9(2)(a) from the USGS were out of town, but I hope to hear from them today. Actually, I head to Reston tomorrow, so I will see them there. I do not think a talk in Reston would be that fruitful (compared to here or at IRIS, unless you think otherwise).

9(2)(a)

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 9:51 a.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** RE: Canterbury Earthquake Project Management

9(2)(a)

Thanks for the information and your expression of interest. You clearly have acquired some valuable experience in disaster recovery over the years. At this stage we are compiling a register of firms, to which we will add your information, and we will pass this on to our lead project management organisation once appointed. This is likely to be towards the end of this month.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

---

**From:** 9(2)(a)  
**Sent:** Thursday, 7 October 2010 5:41 p.m.  
**To:** Hugh Cowan  
**Subject:** Canterbury Earthquake Project Management

9(2)(i)

Hugh,

9(2)(a) has requested that I send through a brief summary of the services that our company provides which may fit with the services that EQC is looking to provide under the Project Management office to assist with the Canterbury Earthquake Recovery.

Our Christchurch office currently provides civil engineering, surveying and land planning services and is supported in these areas by our other four New Zealand offices. Our point of difference, and of more interest to the Project Management operation, is the International Development Assistance part of the 9(2)(i) that is involved in Reconstruction and Rehabilitation projects around the globe. These projects have included housing and infrastructure redevelopment and process management in areas such as the Maldives, following the 2004 Tsunami, Solomon Islands, following 2007 Tsunami and Haiti following the earthquake earlier this year. I have attached a brochure providing some more background on the Reconstruction services that 9(2)(i) provides.

Please let me know if 9(2)(i) can be of assistance to EQC during the earthquake recovery and the services that you may see us being able to provide.

Regards

9(2)(a)

Registered Professional Surveyor

9(2)(a)

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9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 9:28 a.m.  
**To:** 9(2)(a)  
**Subject:** EQC RFP Reinstatement Project Management  
**Attachments:** 9(2)(i).pdf

Dear 9(2)(a)

Further to my brief conversation with you and 9(2)(a) yesterday afternoon, I attach a letter informing you of the outcome of the shortlisting evaluation for reinstatement project management in Canterbury.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)



7 October 2010

9(2)(i)

Attention: 9(2)(a)

Dear 9(2)(a)

**CE001 – REINSTATEMENT PROJECT MANAGEMENT**

As promised, I'm writing with an update on the above RFP opportunity.

As discussed, I regret to advise that, following an assessment against the evaluation criteria, your RFP has not been shortlisted at this stage.

Once the RFP process has been completed I would be happy to provide you with a debrief explaining how your RFP was evaluated and its strengths and weaknesses compared with others.

To confirm, the shortlisted suppliers are:

- Alliance Consortium – Comprising BECA, Arrow International and Opus
- Fletcher Construction Company Ltd

I'd like to thank you for your interest and for the time and effort you put into preparing and submitting your RFP.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Hugh Cowan', written over a white background.

Hugh Cowan  
Research Manager

9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 9:29 a.m.  
**To:** 9(2)(a)  
**Cc:**  
**Attachments:** EQC RFP Reinstatement Project Management; EQC RFP for reinstatement project management; RE: EQC Reinstatement Project Management



9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 9:28 a.m.  
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Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 9:27 a.m.  
**To:** 9(2)(a)  
**Subject:** EQC RFP for reinstatement project management  
**Attachments:** 9(2)(i) pdf

Dear 9(2)(a)

Sorry to miss speaking to you directly yesterday afternoon. Further to my brief conversation with 9(2)(a) attach a letter informing you of the outcome of the shortlisting evaluation for reinstatement project management in Canterbury.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)



7 October 2010

9(2)(i)

Attention: 9(2)(a)

Dear 9(2)(a)

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Yours sincerely

A handwritten signature in black ink, appearing to read 'Hugh Cowan', written in a cursive style.

Hugh Cowan  
Research Manager



9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 9:23 a.m.  
**To:** 9(2)(a)  
**Subject:** RE: EQC Reinstatement Project Management  
**Attachments:** 9(2)(i).pdf

Dear 9(2)(a)

Further to our brief telephone conversation yesterday, I attach a letter informing you of the outcome of the shortlisting evaluation for reinstatement project management in Canterbury.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)



7 October 2010

9(2)(i)

Attention: 9(2)(a)

Dear 9(2)(a)

**CE001 – REINSTATEMENT PROJECT MANAGEMENT**

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A handwritten signature in black ink, appearing to read 'Hugh Cowan', written over a white background.

Hugh Cowan  
Research Manager

9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 9:27 a.m.  
**To:** 9(2)(a)  
**Subject:** EQC RFP for reinstatement project management  
**Attachments:** 9(2)(i).pdf

Dear 9(2)(a)

Sorry to miss speaking to you directly yesterday afternoon. Further to my brief conversation with 9(2)(a) attach a letter informing you of the outcome of the shortlisting evaluation for reinstatement project management in Canterbury.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)





7 October 2010

9(2)(i)  
[Redacted]

Attention: 9(2)(a) [Redacted]

Dear 9(2)(a) [Redacted]

**CE001 – REINSTATEMENT PROJECT MANAGEMENT**

As promised, I'm writing with an update on the above RFP opportunity.

As discussed, I regret to advise that, following an assessment against the evaluation criteria, your RFP has not been shortlisted at this stage.

Once the RFP process has been completed I would be happy to provide you with a debrief explaining how your RFP was evaluated and its strengths and weaknesses compared with others.

To confirm, the shortlisted suppliers are:

- Alliance Consortium – Comprising BECA, Arrow International and Opus
- Fletcher Construction Company Ltd

I'd like to thank you for your interest and for the time and effort you put into preparing and submitting your RFP.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Hugh Cowan', written in a cursive style.

Hugh Cowan  
Research Manager

9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 8:35 a.m.  
**To:** 9(2)(a)  
**Subject:** 9(2)(i) and requests to meet Ian

9(2)(a) the 9(2)(i) request to meet with Ian, I imagine this is one of many by those interested in our CAT response and/or offering their goods and services. While it is a good idea to check with Ian first, you might consider preparing a polite declining letter that can be tailored without much extra effort – explaining that we are declining all such requests until we get beyond our initial phase of recovery (but not closing the door to a possible future conversation). Happy to help if you/Ian see merit in this approach.

Hugh

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 8:27 a.m.  
**To:** 9(2)(a)  
**Subject:** FW: EQC - RFP  
**Attachments:** Attachment withheld under 9(2)(i) pdf

-----Original Message-----

**From:** 9(2)(a)@beca.com]  
**Sent:** Thursday, 7 October 2010 6:11 p.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** RE: EQC - RFP

Thanks Hugh; we will get you a response by 2pm tomorrow.

I understand you are missing an electronic copy of our proposal which I attach herewith.

Regards

9(2)(a)

---

**From:** Hugh Cowan [HACowan@eqc.govt.nz]  
**Sent:** Thursday, 7 October 2010 5:14 p.m.  
**To:** 9(2)(a)  
**Cc:** 9(2)(a)  
**Subject:** RE: EQC - RFP

Dear 9(2)(a)

Following our discussion earlier, please see attached a letter that focuses on the key issues we would like to discuss with you.

We propose to allow 2 hours for a discussion on these issues and any questions you would like to raise at this stage. It would be useful for us, if you could send your key questions for discussion by 2pm Friday, we are of course happy to take ad-hoc questions on the day.

BAO Alliance - Monday 11 October at 9.30am at Chapman Tripp Offices, Level 17, 10 Customhouse Quay, Wellington

The room has the capacity to comfortably hold a maximum of 6-7 people from your organisation.

Our preference is to get straight down to business and we'd prefer not to start with a presentation as we are comfortable about your broad organisation and your commitment to this project.

I look forward to meeting you on Monday.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission



9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Friday, 8 October 2010 8:27 a.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** FW: EQC - email ready files.  
**Attachments:** Attachment withheld under 9(2)(i).  
**Importance:** High

---

**From:** 9(2)(a)  
**Sent:** Monday, 4 October 2010 11:03 a.m.  
**To:** Hugh Cowan  
**Cc:** Ian Simpson  
**Subject:** FW: EQC - email ready files.  
**Importance:** High

Hugh,

Attached is Fletcher Construction's response to the Request for Proposal CE001 – Reinstatement Project Management.

Hard copies will be delivered to your office in Wellington by midday.

Should you have any queries please contact me.

Can you please acknowledge receipt by return email.

Regards,

9(2)(a)

**The Fletcher Construction Company Ltd**  
Level 2, 816 Great South Road, Penrose | Private Bag 92114, Auckland 1142  
9(2)(a)@fcc.co.nz

**PRIDE OF PLACE:** [www.fletcherconstruction.co.nz](http://www.fletcherconstruction.co.nz)

---

Think GREEN before choosing to print this email

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Saturday, 9 October 2010 3:48 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: Fletcher response to questions

Sure, but we will need their reply to questions also. :)

--- original message ---

**From:** 9(2)(a)@eqc.govt.nz>  
**Subject:** RE: Fletcher response to questions  
**Date:** 9th October 2010  
**Time:** 2:09:00 pm

Save a tree. I have the docs 9(2)(a)mailed on friday

Sent from Telecom's XT mobile network.  
Faster in more places.

Hugh Cowan wrote:

Dear All,

Fletcher's written response to our request for further detail on their proposal.

9(2)(a)an – we should aim Monday if possible to provide the parties with more insight into the current status of claims in the relevant category and our best (even if it is rough) forecast of claims flow (class \$10-100k) for the period through to Christmas.

I will arrange to have copies of the key document(s) printed for our pre-party discussion Monday morning.

Regards

Hugh

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Saturday, 9 October 2010 1:12 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: VISG Annual Seminar - Flyer

Hi 9(2)(a)

A note to wish you all the best for the VISG workshop and our thanks to you for running it with others. I will be abroad and therefore not attending. Please note my apology and EQC's continuing interest in such work – despite all that is focused on the Canterbury recovery at present.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

---

**From:** 9(2)(a)  
**Sent:** Wednesday, 29 September 2010 6:00 p.m.  
**To:** 9(2)(a)  
**Subject:** VISG Annual Seminar - Flyer

Hi guys

This year's Volcanic Impact Study Group seminar is being hosted in Taranaki – see attached. Hope some of you can make it. A more detailed programme will be available closer to the time.

9(2)(a)

9(2)(a)  
Infrastructure Decisions Limited  
Ph +6 9(2)(a)  
Mob 9(2)(a)



9(2)(a)

**From:** Hugh Cowan  
**Sent:** Saturday, 9 October 2010 1:01 p.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** RE: 9(2)(a)

9(2)(a)

Thanks for keeping us apprised of the process.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

-----Original Message-----

**From:** 9(2)(a) @canterbury.ac.nz]  
**Sent:** Wednesday, 29 September 2010 9:26 a.m.  
**To:** 9(2)(a) Hugh Cowan  
**Cc:**  
**Subject:** Re: 9(2)(a)

Hi 9(2)(a) Hugh,

I have attached the letter sent at the end of last week to 9(2)(a) rejecting his appeal against his enrolment termination. As you will see in the letter he can however make a further appeal to Council. My understanding is that he is still in Melbourne, and I am not sure of his future plans. I will keep you posted as to any developments.

Once again I am very sorry it has come to this, but the appeal hearing, and all the accusations made by 9(2)(a) has confirmed my opinion that 9(2)(a) continued enrolment here would not achieve anything positive.

Cheers,

9(2)(a)

9(2)(a)

Department of Geological Sciences  
University of Canterbury  
Private Bag 4800  
CHRISTCHURCH 8140  
New Zealand

Tel: 9(2)(a)

Fax:

ema @canterbury.ac.nz

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Saturday, 9 October 2010 12:58 p.m.  
**To:** 9(2)(a)  
**Subject:** FW: 9(2)(a)

For noting, 9(2)(a) thanks.  
Hugh

---

**From:** 9(2)(a)@gns.cri.nz]  
**Sent:** Wednesday, 29 September 2010 8:24 a.m.  
**To:** Hugh Cowan  
**Subject:** 9(2)(a)

Hi Hugh

9(2)(a) asked me to email you the dates 9(2)(a) is away.

9(2)(a) is overseas at the moment - back in the office tomorrow.

Looking at his diary he is also away from:

9 October-14 November  
22-26 November  
30 November-3 December  
9-18 December

Regards  
9(2)(a)

---

9(2)(a)

- Natural Hazards

GNS Science  
TE PU AO  
1 Fairway Drive, Avalon, P O Box 30 368, Lower Hutt 5040, New Zealand  
D 9(2)(a)  
[www.gns.cri.nz](http://www.gns.cri.nz)

Please consider our environment before printing this message.

Notice: This email and any attachments are confidential. If received in error please destroy and immediately notify us. Do not copy or disclose the contents.

9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Saturday, 9 October 2010 11:53 a.m.  
**To:** 9(2)(a)  
**Subject:** thanks again

9(2)(a)

I just went through the ANZIF presentation for the first time. You did a great job tidying that up. Thank you so much!

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)



9(2)(a)

**From:** Hugh Cowan  
**Sent:** Saturday, 9 October 2010 11:44 a.m.  
**To:** 9(2)(a) Ian Simpson;  
**Cc:**  
**Subject:** Fletcher response to questions  
**Attachments:** Attachment withheld under 9(2)(i)

Dear All,

Fletcher's written response to our request for further detail on their proposal.

9(2)(a) Ian – we should aim Monday if possible to provide the parties with more insight into the current status of claims in the relevant category and our best (even if it is rough) forecast of claims flow (class \$10-100k) for the period through to Christmas.

I will arrange to have copies of the key document(s) printed for our pre-party discussion Monday morning.

Regards

Hugh

9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 8:47 p.m.  
**To:** 9(2)(a); Ian Simpson; 9(2)(a)  
**Cc:**  
**Subject:** FWD: CE001 - Reinstatement Project Management  
**Attachments:** CE001 - Reinstatement Project Management

9(2)(a)

---

**From:** 9(2)(a) fcc.co.nz>  
**Sent:** Sunday, 10 October 2010 8:15 p.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** CE001 - Reinstatement Project Management

Hugh  
A further note regarding exclusions in our Remuneration explanation:-

9(2)(i)

[Redacted content]

Regards

9(2)(a)



9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 6:44 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: Evaluation Phase II Roles and Responsibilities  
**Attachments:** Evaluation Phase II Roles and Responsibilities\_HC.doc

9(2)(a)

I am happy with the outline with one amendment - please mark me as "facilitator" rather than primary speaker. I am keen to let 9(2)(a) and Ian participate more fully, while I ensure each voice is heard and none too loud....

H.

---

**From:** 9(2)(a)  
**Sent:** Sunday, 10 October 2010 3:09 p.m.  
**To:** Hugh Cowan; 9(2)(a)  
**Subject:** Evaluation Phase II Roles and Responsibilities

Hi there

The attachment is based on the work that Hugh and I did on Friday. Comments would be appreciated.

9(2)(a)

## Evaluation Phase II – Roles and Responsibilities

### Reinstatement Project Management

Meetings between the shortlisted tenderers and EQC will be held on Monday 11<sup>th</sup> October 2010.

#### Shortlist

The shortlisted tenderers are :

- Beca, Arrow International, Opus International Consultants
- Fletcher Construction Company

#### Roles and Responsibilities

The roles and responsibilities of the attendees at these meetings.

Name	Role
Hugh Cowan	Evaluation Panel Member and Chair – facilitator and primary speaker on behalf of EQC
Ian Simpson	CEO EQC – Speaker on behalf of EQC
9(2)(a)	

The above personnel represent EQC and those that hold the role of “Invited Speaker” will only make comments when invited by the Chair. This enables a structured approach from EQC.

#### Evaluation Phase II

The evaluation panel will conduct an evaluation based on the agreed evaluation criteria as follows:

[insert evaluation criteria]

The evaluation scoring will be conducted in accordance with the Evaluation Panel Instructions outlined for phase one of the evaluation as follows:

Rating	Definition	Score
9(2)(i)		

**Note**

It should be noted that this is not a negotiation. This is time for the shortlisted tenderers and EQC to meet to discuss aspects of their proposals to undertake this work. Analysis relating to the tenderers proposed costs and due diligence is running in parallel to this process and will form part of the evaluation.



9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 6:40 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: Evaluation Panel notes from evaluation  
**Attachments:** Evaluation Panel notes from evaluation\_HC.doc

Hi 9(2)(a)

A few minor changes suggested as tracked. Thanks for preparing this.

hugh

---

**From:** 9(2)(a)  
**Sent:** Sunday, 10 October 2010 12:34 p.m.  
**To:** Hugh Cowan; 9(2)(a)  
**Cc:** 9(2)(a)  
**Subject:** Evaluation Panel notes from evaluation

Hi all

Please find attached the notes from the evaluation meeting. Any comments by way of tracked changes would be appreciated.

9(2)(a)

**Evaluation panel notes for the evaluation of Reinstatement Project Management for the  
Earthquake Commission**

**Tuesday 5<sup>th</sup> October 2010**

The evaluation took place at the Chapman Tripp Office in Wellington.

The evaluation panel consisted of:

- Hugh Cowan – Earthquake Commission (Panel Chair)

- 9(2)(a)

- 

- 

- 

#### **Conflict of Interests**

9(2)(a) Hugh and 9(2)(a) had signed conflict of interest (COI) declarations prior to the closing of the Request for Proposal (RFP). No COI's were declared.

9(2)(a) were required to review and sign COI declarations prior to sighting of any tender responses and the commencement of the evaluation. No COI's were declared.

#### **Evaluation Panel Discussion**

Prior to the commencement of the evaluation the panel went through the evaluation criteria to ensure that everyone had an understanding of what was being evaluated. There were pointers in the evaluation criteria that the panel elaborated on to make clearer however the weightings that had been predetermined and approved by EQC prior to the closing of the RFP did not change.

The panel went through the panel instructions handout as this explains the scoring structure. The panel were reminded that this initial evaluation was a qualitative evaluation and primarily focused on the following:

- Capability
- Capacity
- Methodology
- Cost (equity & value and systems to manage cost)

#### **Evaluation Process**

The panel also discussed the process ahead. The intention is to obtain a shortlist from the initial evaluation and then proceed to further evaluation of the shortlist by way of presentations, pricing, due diligence. The final evaluation of the shortlist is still to be determined.

## Evaluation Commenced

The evaluation commenced and followed the following process:

- The panel had an initial period of time to review the first proposal. More time was granted if a panel member required additional reading time.
- The panel had a general discussion regarding initial observations
- The panel then read specific sections of the response that related to the evaluation criteria and determined their own view on an appropriate score.
- A detailed discussion was held about each criteria point and the specifics of each proposal. In some areas members of the panel referred other panel members to pages in the proposals to explain their observations.
- Once the panel had concluded discussions panel members were encouraged to provide a score for that criterion. The panel then debated the score until a unanimous group score was determined.
- Any questions for the respondent and the evaluation panel comments about each respondent were written on the consolidated evaluation matrix.

The above process was continued throughout the evaluation for all responses received.

9(2)(i)

were reviewed by the end of Tuesday.

**Wednesday 6<sup>th</sup> October 2010**

The evaluation commenced at 9am.

9(2)(i)



9(2)(i)

The panel decided that the two to move on to the shortlisting as follows [in no particular order]:

Beca/Arrow/Opus Alliance	<ul style="list-style-type: none"><li>▪ 9(2)(i)</li><li>▪</li><li>▪</li><li>▪</li><li>▪</li></ul>
Fletcher Construction	<ul style="list-style-type: none"><li>▪ 9(2)(i)</li><li>▪</li><li>▪</li><li>▪</li><li>▪</li><li>▪</li></ul>

Comments about those respondents not shortlisted can be found in the consolidated matrix.

**Next steps**

[in no particular order]

- The evaluation panel were to write a recommendation to shortlist to be submitted to the EQC Board on behalf of the CEO.
- Determine the questions for the shortlisted companies to respond to in writing and those that they can respond to in their meeting with EQC.
- Determine the evaluation criteria for the next phase of evaluation. This evaluation will be more specific and additional technically appropriate resources will be introduced to the evaluation team.
- Notification to tenderers once the Board has endorsed the recommendation to shortlist.
- Write letters for the unsuccessful tenderers.
- Arrange the next phase of the evaluation (e.g. invite tenderers to presentations).
- Organise specialist resources for costing and due diligence component of the evaluation.
- Determine roles and responsibilities from and EQC perspective for week beginning 11 October 2010.

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 6:23 p.m.  
**To:** Reception3  
**Subject:** RE: Researcher

Hi,

It is difficult to assign the query without knowing what type of information or topic knowledge the person is looking for. If you have that info then I am happy to try to refer him on. Otherwise, I would be potentially wasting others' time, so I'll leave it unless I hear more.

Regards  
Hugh

---

**From:** Reception3  
**Sent:** Friday, 8 October 2010 3:47 p.m.  
**To:** Hugh Cowan  
**Subject:** Researcher

Hello Hugh,

I have just been on the phone with a researcher from the Turnbull Library that was enquiring who he would speak regarding asking questions about the Canterbury Earthquake, as you are very busy I don't expect you to but was wondering if you had someone in mind who I could forward this onto that may be able to help him.

His contact details are 9(2)(a) and his email is 9(2)(a)  
If you can come up with someone I could forward this onto that would be great!  
Thank You



9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 6:17 p.m.  
**To:** 9(2)(a)  
**Subject:** FW: Project Management Platform for Canterbury Re-construction Works

9(2)(a)

Not clear to me where this would "fit" but if we get the chance I be glad for your advice – you may know this firm. This is unrelated to the RFP, the referral appears to be via some of our field staff in Christchurch.

Regards  
Hugh

---

**From:** 9(2)(a)  
**Sent:** Thursday, 7 October 2010 5:20 p.m.  
**To:** 9(2)(a) Hugh Cowan  
**Subject:** FW: Project Management Platform for Canterbury Re-construction Works

Looks interesting.

Regards

9(2)(a)

---

**From:** 9(2)(a)  
**Sent:** Thursday, 7 October 2010 4:05 p.m.  
**To:** 9(2)(a)  
**Subject:** Project Management Platform for Canterbury Re-construction Works

Dear 9(2)(a)

I was given your name by the Christchurch City Council and 9(2)(a) of EQC.

The reason for this e-mail is that we wish to discuss with EQC the provision of a collaborative on-line project management platform specifically built for the construction industry to provide a management platform for the re-construction works in Christchurch.

9(2)(i) on-line collaborative project management tool brings all project personnel/parties, i.e. clients (in this case EQC) engineers, project managers, contractors regulatory authorities (council) onto a common collaborative project management platform to co-ordinate and manage the design and construction of such projects, whether they be infrastructure or buildings. 9(2)(i) would work over the platform with EQC, contractors, design consultants, sub-contractors and so on; everything needed to manage large construction projects is on this platform.

9(2)(i) system effects significant benefits to the client (EQC) in terms of managing the budget and mitigating risk of time, quality and cost blow outs. It enables the PM/client rep firm to provide EQC with timely and accurate reporting on progress, forecast to complete and other critical items.

In addition to client side, 9(2)(i) ensures everyone (contractors etc) has access to the latest revision of information (drawings, specifications, calcs etc), provides Real-Time reporting on progress and key financial reports (e.g. cost to complete, variations etc) and facilitates project correspondence/communications (RFIs etc) instead of e-mail (which is not traceable and can be altered), and much more.

9(2)(i) provides a traceable and auditable record for all activities relating to the project, this is particularly relevant in terms of tracking the budget. Project history cannot be "fudged" as in the case of e-mail based systems. The Australian Government (Departments of Defence, Education, Roads) and other major organisations such as Baulderstone Beca, Tonken & Taylor etc use the platform to manage large projects. In NZ, Westfield use it for the D&C of its malls and is currently using it for the restoration works at its Riccarton complex. It is the platform of choice for major banking and Government institutions in Australia as it provides the necessary probity and audit trails required by shareholders and tax-payers respectfully.

As the client for many of the projects facing Christchurch and surrounding districts, we believe this will add significant value to the management of this vast reconstruction project and as such request a time to meet with you to demonstrate the system and this value.

Please find below my contact details and I look forward to hearing from you soon.

Kind regards

9(2)(a)



9(2)(a)

**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 6:12 p.m.  
**To:** 9(2)(a)@dia.govt.nz  
**Subject:** RE: Paper abstract

9(2)(a)

I am happy with your abstract. Thanks for writing it.  
regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

---

**From:** 9(2)(a)@gns.cri.nz  
**Sent:** Thursday, 7 October 2010 11:58 a.m.  
**To:** Hugh Cowan; 9(2)(a)@dia.govt.nz  
**Subject:** Paper abstract

Hi 9(2)(a) and Hugh

I enclose a first draft of the abstract of the paper I talked about to be presented at the New Zealand Geoscience conference in Auckland in November (in a special Darfield Earthquake session).

Can you please provide feedback ASAP as the abstract deadline has been extended because of the earthquake, but is sometime next week. The abstract's length is 300 words maximum.

Thanks.

Cheers, 9(2)(a)

--  
9(2)(a)

Section Manager GeoHazards Monitoring  
GNS Science - Te Pu Ao  
DDI 9(2)(a)  
1 Fairway Drive, P.O. Box 30-368 Lower Hutt  
New Zealand

Notice: This email and any attachments are confidential. If received in error please destroy and immediately notify us. Do not copy or disclose the contents.

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 6:07 p.m.  
**To:** 9(2)(a)  
**Cc:** Ian Simpson  
**Subject:** RE: VUW Seminar - Canterbury Earthquake - 29 October 2010

Dear 9(2)(a)

Thanks for the invitation. Unfortunately, I will be abroad on the day of your seminar and my colleagues are too involved leading EQC's recovery programme to accept either.

Prior to the Canterbury earthquake we had been contemplating a seminar at the IPS 9(2)(a) 9(2)(a) focusing on "governance and disaster risk management". We are still keen to pursue this with others, but not until next year sometime.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

---

**From:** 9(2)(a) [mailto:9(2)(a)@vuw.ac.nz]  
**Sent:** Wednesday, 6 October 2010 10:21 a.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** VUW Seminar - Canterbury Earthquake - 29 October 2010

Dear Hugh,

I write to you as Convenor of the School of Government Seminar Series at Victoria University of Wellington.

As you may know, the School, in conjunction with the Institute of Policy Studies, is hosting a seminar on the impact of the Canterbury Earthquake.

Arrangements for the seminar have now been finalised, as follows:

**TOPIC: The Canterbury Earthquake: A Social, Economic and Risk Planning Stocktake**

**DATE: Friday 29 October 2010**

**TIME: 11.30am-1.30pm**

**VENUE: Government Building Lecture Theatre 2 (Victoria University Pipitea Campus)**

**FORMAT: Four 15 minute presentations followed by a moderated interactive panel discussion of approximately 1 hour**

**PRESENTERS:**

- **Professor Martha Savage (the geophysical aspects)**



- Associate Professor Andrew Charleson (the implications for building design, building codes, etc.)
- Professor John McClure (the behavioural aspects)
- Mr David Galt (the economic/fiscal impact).

I would like formally to invite the Earthquake Commission (EQC) to nominate relevant officers to attend this important event.

In particular, I note that the seminar provides for a 1 hour interactive panel session, and there may be a opportunity for officers from the EQC to join the panel for this discussion.

I look forward to hearing from you shortly.

Very best wishes,

9(2)(a)

9(2)(a)

School of Government  
Victoria University of Wellington, P.O. Box 600 Wellington 6140 New Zealand

9(2)(a)

W [www.vuw.ac.nz/sog/](http://www.vuw.ac.nz/sog/)  
L Room 831 Level 8 Rutherford House 23 Lambton Quay

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 5:53 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: Pacific Conference on Earthquake Engineering keynote speaker

Hi 9(2)(a) sorry for the slow response. Yes, I am heavily involved in the recovery. I do have somebody in mind – Mr 9(2)(a) of the Chilean equivalent of our Commerce Commission. We would need to formally invite him and he would need to obtain clearance to travel etc...but I won't have time to do this until early November. I think this should still be OK in terms of timing, so it is OK with you we can tackle it then.

Regards  
Hugh

---

**From:** 9(2)(a)@auckland.ac.nz]  
**Sent:** Tuesday, 5 October 2010 11:38 a.m.  
**To:** Hugh Cowan  
**Subject:** Pacific Conference on Earthquake Engineering keynote speaker

Hi Hugh,

I imagine you must be incredibly flat out because of the Darfield earthquake, I hope things will settle down for you in the very near future.

I am emailing to check whether you had managed to come across an appropriate Chilean keynote speaker for the PCEE for us. If you have, could you pass me a name and a very brief biography to put onto the website? If not yet, take your time, I fully appreciate the situation with all that is going on.

Do let me know though if there is anything that I can assist with. Be it sending me a name and let me draft up a bio, allowing me to liaise with the speaker about the logistics and etc, or whatever (conference or not conference related!).

Thanks and hope to catch up soon,

9(2)(a)

Dept. of Civil and Environmental Engineering  
University of Auckland

9(2)(a)

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 5:47 p.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** House replacement values  
**Attachments:** Average replacement cost of dwellings in Christchurch.doc

Dear 9(2)(a)

Sorry for the delay in reply. Unfortunately this will be the pattern for some time. However, 9(2)(a) kindly provided advice on your question about house values. I am assuming that nobody here so far has replied to you on that, so here is 9(2)(a) note. Hope you find this helpful.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

## Average replacement cost of dwellings in Christchurch

Re question from 9(2)(a) "one source said it is 280k and another said 350k. Which one do you think is closer to reality?"

There are various sources for house replacement costs. The two main sources I have ready access to are:

### (a) Building consent data: values submitted in applications for consents to build new houses

Based on August 2010 data from Stats NZ:

- ▶ Average new house value Canterbury (building consent application) = \$272,250
- ▶ Aggregate value of alterations & additions and outbuildings (mean last 5 yrs) = 24% of aggregate value of new houses (both values ex building consent applications)

Notes re the \$272,250 ex consent applications:

1. Applies only to new (about to be constructed) houses & hence is not applicable to existing houses.
2. May be some tendency to understate the estimated value in consent applications as the value may affect the building consent fee? There are 'official' construction cost rates intended to be used in building value estimates for consent applications, but issue is more what is covered in the value estimate. Eg in some cases, cost of some finishes may not be included? These can be done later to homeowners taste etc without the need for a building permit.
3. Does not include later house additions and improvements or outbuildings built later.
4. Separate data for Christchurch City are not readily available
5. Is an average value for 'apartments' and 'dwellings other than apartments'.

Separate data for 'apartments' and 'dwellings other than apartments' are only readily available on an NZ wide basis; ie. at Aug 2010:

- ▶ All NZ dwellings excluding apartments, mean consent value = \$274,917
- ▶ All NZ apartments, mean consent value = \$153,226
- ▶ All NZ dwellings including apartments, mean consent value = \$263,554 (this is equivalent to the \$272,250 figure for Canterbury).

Notes re the value of extensions and refurbishment:

1. Not all of the expenditure on alterations will increase the replacement value; some will be fixing wear & tear & other damage. Some alterations will merely change a house without increasing its RV.
2. Against this the value for alterations will underestimate the true cost of alterations & refurbishment, as not all alterations & refurbishment require a building consent.

Adjustments:

Scale Canterbury \$272,250 (all dwellings) to estimate separate values for apartments & 'other'

- ▶ All Canterbury dwellings excluding apartments, mean consent value = \$284,000
- ▶ All Canterbury apartments, mean consent value = \$158,280

If 'crudely' add 24% to the \$284,000, get \$352,000 = estimate value of all (new & existing) Canterbury dwellings other than apartments.

The above yellow highlighted figures align well with 9(2)(a) figures of \$280k & \$350k. My guess is the real answer lies between the two (ie. since a reasonable component of 'alterations' will not add to RV).



9(2)(a)

**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 5:35 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: Canterbury earthquake fault imaging

Hi 9(2)(a)

My apologies for the delay in reply. I am rather preoccupied with the earthquake recovery and won't have time to follow up your ideas personally, but I am sure there would be interest here in exploring ideas for collaboration. In the first instance, I suggest you contact 9(2)(a) whom you may know 9(2)(a) @canterbury.ac.nz) and get the ball rolling.

Good luck. I hope this is helpful.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

-----Original Message-----

**From:** 9(2)(a) @ucalgary.ca]  
**Sent:** Monday, 4 October 2010 12:12 p.m.  
**To:** Hugh Cowan  
**Subject:** Canterbury earthquake fault imaging

Hello Hugh:

We have met a couple of times at the Auckland Institute of Earth Science and Engineering (IESE) Advisory Board meetings. Things seem to be rather quiet on that front although I do touch base with 9(2)(a) from time to time.

Over the past few months we have been working on a plan to bring our (University of Calgary) reflection seismic recording system to NZ to participate in some research projects (Alpine Fault imaging - with 9(2)(a) from Otago, and geothermal field imaging 9(2)(a) at IESE). We are still in the process of trying to secure funding to ship our seismic system to NZ for these projects.

Given the recent earthquake and fault rupture near Christchurch, I would like to propose that our seismic system would be very appropriate for imaging this fault and possible splays up to depths of several km. I know that U Canterbury folks have been doing some hammer seismic across the fault, but our system would be ideal for a better understanding of the system at depth. Our system is a 600-channel recorder with a vibroseis source and it would very suitable and low surface impact for farmland profiles in Canterbury. Such a project could easily be coordinated into a national effort between earth science departments.

Please let me know if you think a proposal along these lines would receive interest.

Best regards,

9(2)(a)

--

9(2)(a)

Department of Geoscience  
University of Calgary  
2500 University Drive N.W.  
Calgary, Alberta, Canada T2N 1N4

9(2)(a)

9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 5:30 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: DEVORA Steering Committee-Letter to 9(2)(a)  
**Attachments:** 9(2)(a).HC.doc

As attached, thanks 9(2)(a)

---

**From:** 9(2)(a)  
**Sent:** Sunday, 10 October 2010 3:55 p.m.  
**To:** Hugh Cowan  
**Subject:** FW: DEVORA Steering Committee-Letter to 9(2)(a)

Hi Hugh

Have drafted the attached. Would be grateful if you could fill in the gap and make any amendments. I will get you to sign tomorrow.

9(2)(a)

---

**From:** 9(2)(a)@auckland.ac.nz]  
**Sent:** Thursday, 7 October 2010 10:37 a.m.  
**To:** 9(2)(a)  
**Subject:** DEVORA Steering Committee

Hi 9(2)(a)

9(2)(a) asked me to remind Hugh that 9(2)(a) would be replaced by 9(2)(a) on the DEVORA Steering Committee. We thought it would be best if Hugh, as acting committee chair, could invite 9(2)(a) to join the committee and advise him of the tentative meeting on 11 November (contact details below).

9(2)(a)@auckland.ac.nz

**Phone:** 9(2)(a)

Thank you!

9(2)(a)

---

9(2)(a)

Institute of Earth Science and Engineering

9(2)(a)

Mailing Address:  
The University of Auckland  
Private Bag 92019  
Auckland 1142, New Zealand

9(2)(a)

Dear 9(2)(a)

I understand that you will be replacing 9(2)(a) on the DEVORA steering committee and extend a warm welcome to you. I am sure you will make a valuable contribution.

Blurb about work of DEVORA steering committee? [See if there is a statement in the agreement about the function of the steering committee]

The annual DEVORA/IIOF Research Forum is scheduled to be held on Friday, 12 November, at the University of Auckland's Conference Centre. This year's ~~focus w~~Forum will be focus on two topics:

- 1) a geological/magmatic model for small basaltic fields, and
- 2) probabilistic hazard and risk methodology.

A tentative agenda is attached. Lunch and teas will be provided.

I look forward to seeing you at the forum on 12 November.

Yours sincerely

Hugh Cowan  
Research Manager  
(Chairman of DEVORA Steering Committee)



9(2)(a)

**From:** Hugh Cowan  
**Sent:** Sunday, 10 October 2010 5:27 p.m.  
**To:** 9(2)(a)  
**Cc:** Ian Simpson; 9(2)(a)  
**Subject:** RE: Canterbury earthquake follow-up learning programme IPENZ and AOG

Thanks, 9(2)(a)

I have in fact already asked 9(2)(a) to represent our interests here, because he is doing some strategic work for us around engineering requirements and we do not have time to follow up ourselves.

9(2)(a) seems to be placing you in a rather difficult position, perhaps unwittingly. If it helps, I don't mind saying you have represented the NZSEE solely in any dealings we have had during your time in Christchurch.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

---

**From:** 9(2)(a)@dia.govt.nz]  
**Sent:** Sunday, 10 October 2010 4:52 p.m.  
**To:** Ian Simpson; Hugh Cowan; 9(2)(a)  
**Subject:** FW: Canterbury earthquake follow-up learning programme IPENZ and AOG

Ian, Hugh, 9(2)(a)

As if you didn't have enough to deal with ... please tolerate yet another e-mail ....

The following fyi. One of you might like to be the liasion person, Hugh?

9(2)(a)

9(2)(a)

Ministry of Civil Defence & Emergency Management  
The Department of Internal Affairs | Te Tari Taiwhenua

9(2)(a)  
22 The Terrace (off Bolton Street) | Box 5010, Wellington, New Zealand  
[www.civildefence.govt.nz](http://www.civildefence.govt.nz) | [www.dia.govt.nz](http://www.dia.govt.nz)

---

**From:** 9(2)(a)@ipenz.org.nz]  
**Sent:** Friday, 8 October 2010 9:36 a.m.  
**To:** 9(2)(a)

9(2)(a)

**Subject:** Canterbury earthquake follow-up learning programme

c.c. 9(2)(a)

Members of the Engng Leadership Forum

9(2)(a)

Dear 9(2)(a)

This note is to summarise the workplan we drafted for the reflective work following the Canterbury Earthquake, with you wearing at different times the hat of President of NZSEE and at others the hat of an employee of MCDEM.

In terms of specific and focused work programmes we suggested the following:

1. **Response Phase.** We noted that the event was of a sufficiently low magnitude that a largely BAU approach worked, and a special register of engineers to be dispatched to hostile living and working conditions was not needed. However, the same may not be true in larger events. We agreed that even after several years we had not agreed the right "model" for storing information on engineers, using that information, deploying engineers and then withdrawing those engineers (within NZ or the SW Pacific). The view was that **MCDEM should lead the reflective work**, and that work must lead to an agreed model for engineer identification and deployment (amongst other things). That review would consider the lifelines approach for service supply, but also the model to deploy and withdraw building inspection services. If there is then a need for a service agreement with IPENZ to maintain information and 24/7 available expertise to interrogate that information that need will be identified in the model. This work needs to be completed and fed in to the present review of the long term plan. There is urgency. It is suggested that MCDEM form a **reference group of other interested parties**.
2. **Building Performance.** There is a need for a "blameless" review of building performance which may lead in turn to educational programmes, to building code and standard changes, and perhaps to the way that competence of engineers is assessed. We suggested that to keep the blameless culture **NZSEE, SESOC and NZGS should lead that work, with a reference group including DBH, EQC and IPENZ**, plus any other relevant parties. You indicated that NZSEE is already collecting observations on its website, and is planning to publish these in the December issue of its journal.
3. **Specific Building review.** Although not envisaged as necessary at this time for Canterbury, we agreed that the right approach in future such incidents is what has been put in place for Southland Stadium. In that case, DBH has appointed an expert independent panel drawing on relevant expertise, who will report findings to DBH, IPENZ and others as appropriate. The advantage of this approach is that through DBH working with the local building consent authority much better and quicker access to specific design and construction industry can be obtained.



4. **Land Use.** We agreed that there needs to be reflection on the processes by which at-risk land can be designated for building. The need seems to be a review of process and risk investigation in the planning by local government. I indicated that this topic will be discussed at a meeting involving the NZPI, NZIA, IPENZ, NZIS and NZGS on 19 October in Auckland (5 pm at the NZ Planning Institute). We suggested that the **model of a working group with a wider reference group would be appropriate.** Clearly, EQC, GNS Science, Local government, perhaps even DoC and MfE are important stakeholders. You pointed out that the previous work e.g. of the Centre for Advanced Engineering on land use and hazard mitigation is substantial, and needs to form the starting point. The work should probably be broader than just land liquefaction.
5. **Restoration of Heritage Buildings.** I indicated that ACENZ had expressed interest in the topic of appropriate technical standards, e.g. what materials can be used? Standards that are appropriate for considering one building at a time might not be affordable when many buildings require restoration at the same time. This might be a matter in which the **NZIA might take the lead, working with NZHPT, NZSEE, SESOC** the Insurance Council, ourselves and others.

We then moved on to talk about follow-up more generally. Of vital concern was that there was one agreed set of follow-up programmes with the minimum possible overlap or confusion. Given the number of players and complex inter-relationships it seemed sensible for there to be a high level lead, and this probably has to come from Government – DPMC? The methodology that might be followed should follow a well-established good practice – you mentioned the US national plan for investigation following earthquake which sets out a five year programme. We also posed the question as to whether the previously identified set of stakeholders and the way in which they should be connected had been followed or whether there had simply been on the spot connections made.

We then talked about communications to the public and others. I indicated that IPENZ was seeking to interest television in a documentary on the success of the lifelines approach to the restoration of infrastructural services. However, there may be a need for a wider plan.

We spoke briefly about the Pacific Conference on Earthquake Engineering 14-16 April in Auckland, with the planned workshop in advance on SW Pacific Earthquake resilience. There may be an associated Christchurch visit.

I indicated that from an IPENZ perspective, we would need to consider the activities in which we might be involved as part of our engineering practice programme. The Engineering Practice Board meets on 12 October, and I undertook to make these notes available to them. There is limited resourcing for the total engineering practice programme although our governing Board could divert resource if there was an appropriate need. The Engineering Leadership Forum also meets that day.

For now, can you confirm these notes. I also ask those to whom they have been copied to make any response they can before Wednesday 13 October when you will be meeting with a group here at IPENZ of those who took lead roles in the engineering component of the response phase. From my viewpoint I am happy these notes be on-copied to others e.g. at the Insurance Council, EQC etc.

My thanks

9(2)(a)

9(2)(a)

Institution of Professional Engineers New Zealand (IPENZ)  
P O Box 12-241, Wellington 6144

DDI 9(2)(a)  
Mobile 9(2)(a)

9(2)(a)

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9(2)(a)

**From:** Hugh Cowan  
**Sent:** Monday, 11 October 2010 5:06 p.m.  
**To:** 9(2)(a)  
**Subject:** FWD: Offer of assistance  
**Attachments:** Offer of assistance

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

9(2)(a) grateful if you would acknowledge on behalf and file under expressions of interest where we can retrieve easily, shortly. Hugh



9(2)(a)

**From:** 9(2)(a)  
**Sent:** Monday, 11 October 2010 4:55 p.m.  
**To:** hacowan@eqc.govt.nz  
**Subject:** Offer of assistance

Dear Hugh,

I understand that you are currently heavily involved in the Christchurch recovery, and in particular with the contracting of specialist services to delivery this.

I am guessing that you are very busy, so contacting you to offer assistance.

My background has been in running a large public project management services business as General Manager responsible the New Zealand and Australian operations. I recently left that business and established a specialist project management practice in NZ. A project that may have some relevance to what you are currently doing is the \$500M KiwiRail procurement of new trains for Auckland - I have been involved in the project management of this project since March 2010. Prior to this I managed a large team on the \$550m Auckland District Health Board Building Programme.

If you have a need for a senior experience project director, experienced at managing teams on large complex capital projects, then I would be very happy to send you a more detailed profile for your consideration.

Kind regards

9(2)(a)

9(2)(a)

We recently relocated to our new office at 541 Parnell Road, Parnell. Please drop in.

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Monday, 11 October 2010 4:26 p.m.  
**To:** 9(2)(a)  
**Subject:** FWD: page charge  
**Attachments:** page charge

Hi 9(2)(a) could you pls call 9(2)(a) and help her with this? Pls explain I am in transit to Akl. Thanks Hugh. Her number is 9(2)(a)

9(2)(a)

**From:** 9(2)(a)@dia.govt.nz>  
**Sent:** Monday, 11 October 2010 2:26 p.m.  
**To:** Hugh Cowan  
**Subject:** page charge  
**Attachments:** jdr\_page charge, 9(2)(a)doc

Hi Hugh,

Could I please have a quick chat with you about the page charge? I need to provide the attached form to the Journal of Disaster Research and need to confirm with you the "billing address" etc. Thanks.

Cheers

9(2)(a)

=====  
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9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Monday, 11 October 2010 4:23 p.m.  
**To:** 9(2)(a)  
**Subject:** FWD: NZHIC  
**Attachments:** NZHIC

9(2)(a) copy to you now so you know this has come up. I will not reply until we discuss. Alternative is that you respond direct if you wish. Hugh

9(2)(a)

**From:** 9(2)(a)  
**Sent:** Monday, 11 October 2010 4:03 p.m.  
**To:** Hugh Cowan  
**Subject:** NZHIC  
**Attachments:** image001.gif

Hi Hugh

I have been trying to get my Wellington inspectors involved with estimating in ChCh but not having a lot of success!

I have one from ChCh involved and he has asked about getting more of us down there but has told that we are not being used because they are not qualified builders.

All of them are qualified builders and 4 have been involved in a number of past earthquakes and are always involved in any Wgtn stuff.

I thought it would be good to get them involved particularly due to the reports they are doing in Wgtn so they can relate some of that to what has been happen in ChCh?

Please come back to me with any questions or thoughts.

I would also like to discuss at some stage my past discussions and ideas with an estimating / loss adjustors system as they are still using paper and appears a lot of confusion still happens.

**Regards**

9(2)(a)

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Monday, 11 October 2010 12:55 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: FW: Canterbury

Hi 9(2)(a) you can reach Ian at 9(2)(a)@eqc.govt.nz. We have other commitments today and I am out of town tomorrow, so I will leave it to you and Ian to decide favoured approach. Cheers Hugh

-- original message ---

**From:** 9(2)(a)@med.govt.nz  
**Subject:** FW: Canterbury  
**Date:** 11th October 2010  
**Time:** 11:54:55 am

Hugh,

I've clearly got Ian's email address wrong - can you please advise?

Cheers,

9(2)(a)

Department of the Prime Minister and Cabinet Mob 9(2)(a)

---

**From:** System Administrator  
**Sent:** Monday, 11 October 2010 11:47 a.m.  
**To:** 9(2)(a)  
**Subject:** Undeliverable: Canterbury

Your message did not reach some or all of the intended recipients.

**Subject:** Canterbury  
**Sent:** 11/10/2010 11:47 a.m.

The following recipient(s) could not be reached:

9(2)(a)@eqc.govt.nz on 11/10/2010 11:47 a.m.

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9(2)(a)

**From:** Hugh Cowan  
**Sent:** Monday, 11 October 2010 11:55 a.m.  
**To:** 9(2)(a)  
**Subject:** RE: Power point presentation for Claims Conference

9(2)(a) am bringing the presentation on a memory stick. Is that sufficient? Hugh

--- original message ---

**From:** 9(2)(a)@theinstitute.com.au  
**Subject:** Power point presentation for Claims Conference  
**Date:** 11th October 2010  
**Time:** 10:20:33 am

Hi Hugh

I would just like to confirm if you will be bringing your presentation with you on as I only have the PDF of the handout!

Ideally we could plug your laptop straight into the projector or perhaps you will bring your presentation on a memory stick?

Can you please confirm as I am meeting with the AV technicians and setting up at 4pm today.

Thank you and regards

9(2)(a)

Australian and New Zealand Institute of Insurance and Finance (ANZIIF)

Level 1 143 Nelson Street, Auckland, New Zealand Phone 9(2)(a)  
Fax 09 367 0639  
Email 9(2)(a)@theinstitute.com.au  
Web [www.theinstitute.com.au](http://www.theinstitute.com.au)

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9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Monday, 11 October 2010 8:58 a.m.  
**To:** 9(2)(a)  
**Subject:** FWD: FW: EQC university project 07/540 - Estimation of time-varyin g volcanic hazard at NZ polygenetic volcanoes - 9(2)(a) withdrawal  
**Attachments:** FW: EQC university project 07/540 - Estimation of time-varying volcanic hazard at NZ polygenetic volcanoes - 9(2)(a) withdrawal

Hi, grateful if you could post this out. It relates to our obligation under the 9(2)(a) agreement. I believe we should pay it. Thanks hugh

9(2)(a)

**From:** 9(2)(a)@massey.ac.nz>  
**Sent:** Monday, 11 October 2010 8:24 a.m.  
**To:** Hugh Cowan  
**Subject:** FW: EQC university project 07/540 - Estimation of time-varying volcanic hazard at NZ polygenetic volcanoes - 9(2)(a) withdrawal

Kia ora Hugh

Further to my email below, can you please let me know EEQC's decision regarding our outstanding invoice? As this invoice is now 92 days overdue and is showing on our debtor's list.

Many thanks for your help.

Your

Regards

9(2)(a)

Research Management Services

Ph: [redacted]  
ext: 9(2)(a)  
em: [redacted]@massey.ac.nz

-----Original Message-----

**From:** Hugh Cowan [mailto:hacowan@eqc.govt.nz]  
**Sent:** Thursday, 2 September 2010 3:06 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: EQC university project 07/540 - Estimation of time-varying volcanic hazard at NZ polygenetic volcanoes - 9(2)(a) withdrawal

Dear 9(2)(a) just to acknowledge your email, I am abroad until 13 Sept. I will follow up with this on my return.  
Regards, Hugh

--- original message ---

**From:** 9(2)(a)@massey.ac.nz>  
**Subject:** EQC university project 07/540 - Estimation of time-varying volcanic hazard at NZ polygenetic volcanoes - 9(2)(a) withdrawal  
**Date:** 1st September 2010  
**Time:** 11:02:56 pm

Kia ora Hugh

Can you help me please? I believe you have been having some correspondence with 9(2)(a) regarding the withdrawal of the fellow 9(2)(a)

I have attached your letter to 9(2)(a) regarding this matter and you say that EQC will not be seeking reimbursement for the 9(2)(i) paid for our invoices 00108155 for 9(2)(i) for the period ending January 2010 and

00111653 for 9(2)(i) [redacted] for the period ending April 2010. Can you please tell me if I can expect payment of our invoice 00115412 for 9(2)(i) [redacted] for the period ending July 2010?

The contract states that payment was to be half yearly or quarterly in arrears and I have also attached a copy of our invoice and a copy of the contractual letter for your information.

Please do not hesitate to contact me if I can be of any assistance in this matter, and thank you for your help.

Regards

9(2)(a) [redacted]

Research Management Services

Ph: [redacted]

ext: 9(2)(a) [redacted]

em: [redacted]@massey.ac.nz<mailto:9(2)(a) [redacted]@massey.ac.nz>

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9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Monday, 11 October 2010 8:01 a.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** FW: EQC Seeks Tenders for Quake Repair Project Office

9(2)(a)

For your/our info

Hugh

---

**From:** 9(2)(a)  
**Sent:** Sunday, 10 October 2010 9:41 p.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** RE: EQC Seeks Tenders for Quake Repair Project Office

Hugh,

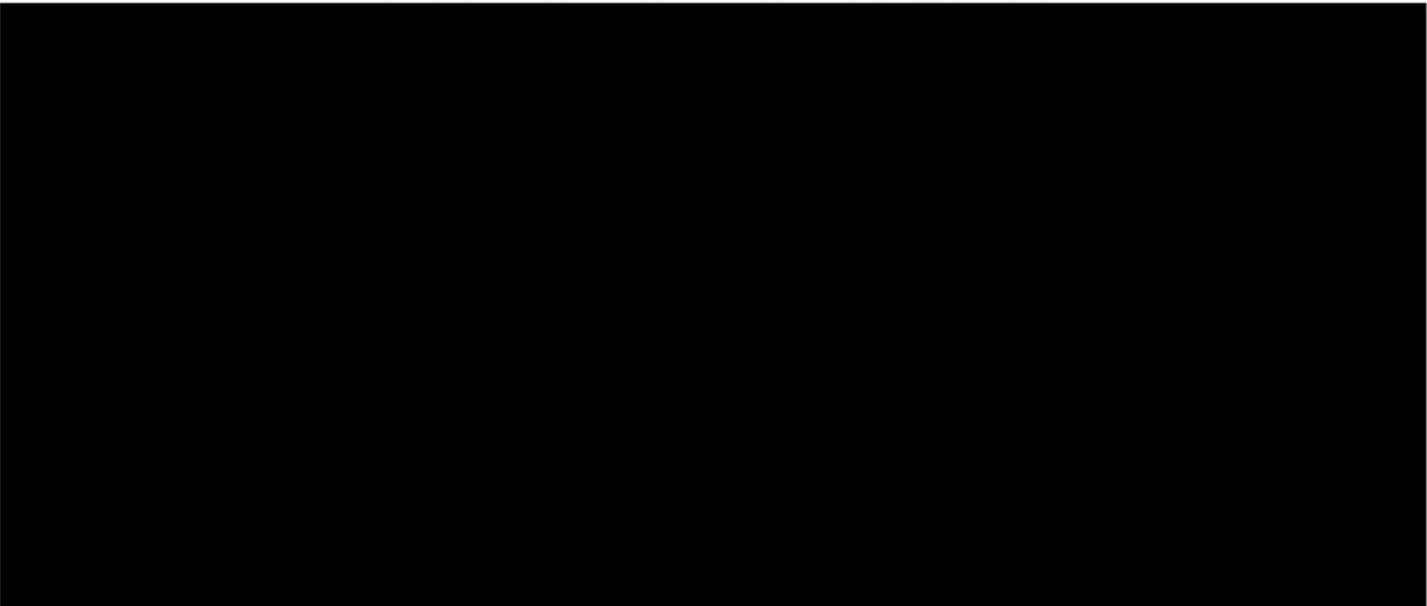
First of all apologies for not getting back to you earlier. We considered the tender very carefully and in the end came to the conclusion that we could not provide you with a compliant bid in the short time frame.

However, I thought you might be interested in some of our thoughts regarding this program:

9(2)(i)



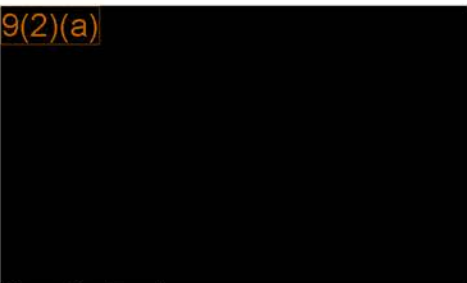




Hugh, I am sure you have a lot on your plate right at the moment but thought being aware of the above might be useful, depending on how your negotiations with your shortlisted parties evolve and what strengths they bring to the table. If at any point you would like to better understand what exactly our experience is and how we may be able to assist you in implementing this recovery program, I am more than happy to organize a conference call with a couple of key individuals from 9(2)(a) as a possible first step.

I trust the above is helpful. Don't hesitate to contact me at any time on ph: 9(2)(a) if you wish.

Kind regards



9(2)(a)

New Zealand

---

**From:** Hugh Cowan [mailto:HACowan@eqc.govt.nz]  
**Sent:** Wednesday, 29 September 2010 08:46 a.m.  
**To:** 9(2)(a)  
**Cc:** 9(2)(a)  
**Subject:** RE: EQC Seeks Tenders for Quake Repair Project Office

9(2)(a)

Please see attached a summary briefing on the RFP that I sent to you earlier.

We are currently finalising the first set of questions and answers, with the RFP clarifications and those will be sent to you shortly.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre

9(2)(a)

---

**From:** Hugh Cowan  
**Sent:** Monday, 11 October 2010 6:26 a.m.  
**To:** 9(2)(a); Ian Simpson; 9(2)(a)  
**Cc:**  
**Subject:** FWD: RE: EQC - CE 001; Canterbury Reinstatement Project Management  
**Attachments:** RE: EQC - CE 001; Canterbury Reinstatement Project Management

9(2)(a)

**From:** 9(2)(a)@beca.com>  
**Sent:** Sunday, 10 October 2010 11:32 p.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** RE: EQC - CE 001; Canterbury Reinstatement Project Management  
**Attachments:** Attachment withheld under 9(2)(i)

Hugh

This time with the Content page corrected, everything else remains the same. Apologies.

9(2)(a)

Beca  
Phone +64-3-366 3521 Fax +64-3-366 3188

9(2)(a)@beca.com  
[www.beca.com](http://www.beca.com)

---

**From:** 9(2)(a)  
**Sent:** Sunday, 10 October 2010 11:23 p.m.  
**To:** 'Hugh Cowan'  
**Cc:** 9(2)(a)  
**Subject:** RE: EQC - CE 001; Canterbury Reinstatement Project Management  
**Importance:** High

Dear Hugh

Please find attached our alliances response to your queries.

We are really looking forward to the opportunity to discuss this exciting project with you and your team tomorrow.

Best regards

9(2)(a)

Beca

9(2)(a)@beca.com  
[www.beca.com](http://www.beca.com)

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9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Tuesday, 12 October 2010 9:54 p.m.  
**To:** 9(2)(a)  
**Subject:** FWD: UoA-EQC  
**Attachments:** UoA-EQC

Hi, see 9(2)(a) reference to the Auckland agreement. I am fairly sure this was tabled and approved in August but it would appear that I neglected to communicate this to Akl. Could you pls check minutes and let me know. Thanks  
hugh



9(2)(a)

**From:** 9(2)(a)@auckland.ac.nz>  
**Sent:** Tuesday, 12 October 2010 8:19 p.m.  
**To:** Hugh Cowan  
**Subject:** UoA-EQC

Dear Hugh

I am hesitant sending this email suspecting that things must be pretty hectic at EQC right now following the Canterbury earthquake. However, are you able to update us as to the situation with respect to the extension of our agreement which I recall you were to take to your Board back in August? 9(2)(a) will take my place at the DEVORA Board meeting next month but maybe we can have some time to talk whilst you are in Auckland for that meeting.

All the best

9(2)(a)

9(2)(a)

Faculty of Science  
University of Auckland  
Auckland  
New Zealand

9(2)(a)

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Tuesday, 12 October 2010 5:53 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: Quantity Surveyor Assessments

Thanks for the helpful intro 9(2)(a) see you tomorrow. Hugh

--- original message ---

**From:** 9(2)(a)  
**Subject:** Quantity Surveyor Assessments  
**Date:** 12th October 2010  
**Time:** 5:49:40 pm

Good evening all,

Attached are the two reports from 9(2)(i)

Both firms identify that the proposals are on a markedly different basis and each have attempted to normalise the total costs in a way to make them more comparable.

You will see that in one evaluation

9(2)(i)

Regards

9(2)(a)

9(2)(a)

[REDACTED]

---

**From:** Hugh Cowan  
**Sent:** Tuesday, 12 October 2010 1:22 p.m.  
**To:** 9(2)(a) David Brundson  
**Subject:** RE: FW: Proposed meeting to discuss science/engineering research programme

9(2)(a) thanks for the update. I am not available. 9(2)(a) you can certainly represent EQC if available. Otherwise 9(2)(a) you would need to check his prior commitments to ops liaison first. Those have priority. Regards  
Hugh

--- original message ---

**From:** 9(2)(a) @ecan.govt.nz>  
**Subject:** FW: Proposed meeting to discuss science/engineering research programme  
**Date:** 12th October 2010  
**Time:** 12:29:24 pm

Good afternoon gentlemen

Further to this email, 9(2)(a) was keen to have an EQC person at this meeting - I said that you, Hugh, were busy with this contract management work and that you had 9(2)(a) helping out with the more technical side of things. However, the invite still went out to you Hugh. You are welcome to send 9(2)(a) this meeting on EQC's behalf, and it would be good to have you there 9(2)(a)

A little more on the scope: we are pulling together a bit of a work/research plan for the geotechnical side of things. Given the overlaps with the structural engineering/lifelines side of things, we need to have someone like you, 9(2)(a) there. There are also some overlaps with some of the social science workstreams that 9(2)(a) are organising (particularly land use planning), hence having them there too.

Hope you see you on Thursday 9(2)(a) you can make it.

Cheers

9(2)(a)

---

**From:** 9(2)(a)  
**Sent:** Tue 10/12/2010 11:21 a.m.

9(2)(a)

**Subject:** Proposed meeting to discuss science/engineering research programme

Hello

It is proposed to hold a meeting to agree to the scope of the research programme that is coming together in response to the earthquake. The meeting will focus mainly on the science and engineering research, but will also tie into a social science programme that is currently underway. It is intended that the programme that will come out of this meeting will then go to the Recovery Commission and Government.

**Date:** Thursday, 14 October 2010

Time: 10.30 am (till approximately noon)

Venue: Environment Canterbury (Waitaki room)

Conference call facilities will be available for anyone who wants to attend via phone.

Scope of Meeting

The key issues are to:

- Agree the scope of the research issues that need to be addressed;
- Identify those tasks that can be met by existing funding allocations or from reprioritising of existing funding allocations;
- Identify the tasks that are needed but do not have funding and provide an indication of the funding requirements.

9(2)(a) is currently compiling the various documents that have identified research questions that need to be addressed, and we hope to be able to circulate this prior to Thursday's meeting.

Please confirm your availability, or your representative, as soon as possible and indicate whether you are attending in person or by phone.

kind regards

9(2)(a)

9(2)(a)

Environment Canterbury  
P O Box 345  
Christchurch 8140

9(2)(a)

[www.ecan.govt.nz](http://www.ecan.govt.nz) <<http://www.ecan.govt.nz>> P Please consider the environment before printing this email

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[www.clearswift.com](http://www.clearswift.com)

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9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Tuesday, 12 October 2010 6:13 a.m.  
**To:** 9(2)(a)  
**Subject:** FWD: FW: Various matters  
**Attachments:** FW: Various matters

9(2)(a) could you please forward the RFP to 9(2)(a) I cannot access our file server today. 9(2)(a)  
9(2)(a)@eqc.govt.nz. Thanks!

9(2)(a)

---

**From:** 9(2)(a)  
**Sent:** Monday, 11 October 2010 6:42 p.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** FW: Various matters

Hugh can you supply RFP please.

---

**From:** 9(2)(a)  
**Sent:** Monday, 11 October 2010 9:55 a.m.  
**To:** 9(2)(a) @EQC.govt.nz  
**Subject:** Various matters

Can we provide a copy of the RFP for the PMO to our insurance brokers?  
We are looking at the levels of PI and D&O cover. If we can, please can you send a copy to me.

9(2)(h)

Thanks 9(2)(a)

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Wednesday, 13 October 2010 6:08 p.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** FW: Contact details re Selwyn and Waimakariri

9(2)(a)

Grateful if you would contact first thing tomorrow morning the following persons (see below) to inform them of the time(s) and place of the meeting between EQC, the appointed PMO and others on Friday in Christchurch.

9(2)(a) please let 9(2)(a) know which address to give for the meeting at Deans Ave – the naming of the field offices is confusing for all but insiders.

9(2)(a) we plan to stagger the visits as follows:

- PMO will arrive and meet EQC at 10.00am
- DBH people 9(2)(a) to be advised to arrive at 1100.
- Council people 9(2)(a) to be advised to arrive at 11.30

9(2)(a) grateful if you would liaise with 9(2)(a) and decide between you, how much of an MC role you should play on the day. My guess is that it would be good for both of you to greet PMO on arrival and then 9(2)(a) perhaps you could facilitate intros (and farewells) for the visitors, so that 9(2)(a) doesn't have to leave the PMO team once they're there. We probably should cater a light lunch to share with our Ops leaders and visitors at 12 noon. This will ensure the formal meeting with visitors doesn't drag on, while offering hospitality befitting the occasion –DBH, Councils, EQC and PMO sharing a sense of shared, albeit complementary purpose.

9(2)(a) hopefully will be available around noon and as required, after lunch to go through the MoU with the PMO Principal – 9(2)(a) perhaps you could confirm your availability with 9(2)(a) by return email, thanks.

Hope this covers most of what needs covering off now. If I have missed something that others spot, please tell 9(2)(a) while there's time....

Thanks  
Hugh

---

Other email contacts:

9(2)(a)@ccc.govt.nz  
9(2)(a)@ccc.govt.nz

cc. the DBH emails to: 9(2)(a)@dbh.govt.nz

**From:** 9(2)(a) [redacted]@dbh.govt.nz]  
**Sent:** Wednesday, 13 October 2010 3:54 p.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a) [redacted]  
**Subject:** Contact details re Selwyn and Waimakariri

Hi Hugh

The three people I have contacted are:

9(2)(a) [redacted]@selwyn.govt.nz

9(2)(a) [redacted]@selwyn.govt.nz

9(2)(a) [redacted]@wmk.govt.nz

My e-mail is 9(2)(a) [redacted]@dbh.govt.nz 9(2)(a) [redacted]

9(2)(a) [redacted]@dbh.govt.nz 9(2)(a) [redacted]

9(2)(a) [redacted]

**Department of Building and Housing**

9(2)(a) [redacted]

Level 6, 86 Customhouse Quay  
P O Box 10 729, Wellington, New Zealand

Web: [www.dbh.govt.nz](http://www.dbh.govt.nz)

This message has been scanned for viruses and is believed to be clean.

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9(2)(a)

**From:** Hugh Cowan  
**Sent:** Wednesday, 13 October 2010 3:25 p.m.  
**To:** 9(2)(a)  
**Subject:** FW: Latest full page advert 13/10  
**Attachments:** EQC Advert CHCH Press 13\_10.pdf

Dear 9(2)(a)

You may find the attached media update of interest. Do let us know if you would like to add anyone from NZDF to the distribution list.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

-----Original Message-----

**From:** 9(2)(a)  
**Sent:** Wednesday, 13 October 2010 3:00 p.m.  
**To:** Ian Simpson;  
Hugh Cowan; 9(2)(a)

**Subject:** Latest full page advert 13/10

# Canterbury Earthquake EQC Claims Information

## Message from Ian Simpson



How long it will take to assess and settle claims is uppermost in the minds of claimants. Given the sheer number of claims, this is difficult to work out but we have come up with estimates which may be helpful (see below). We are still giving priority to the most severely damaged properties although we have in parallel begun working through those with what we call second level damage.

We are also making quite good progress on the most easily-assessed claims including minor non-structural damage and contents. As of yesterday, we had made 12,113 assessments and have received over 3,000 invoices for emergency repairs that have been made and which are currently being processed.

Our Project Management Office (to oversee the repair of as many as 50,000 properties in the \$10,000-\$100,000 category) will start work early next week.

Progress is being made on the difficult land damage issues. The Earthquake Recovery Minister Gerry Brownlee has outlined what is likely to happen and the Prime Minister commented on this after Cabinet on Monday (see below).

It is repeating the obvious, but we know that the owners are having their patience well and truly tested. Please be assured that we are doing everything we can to assess your property and help you get your life back to normal as quickly as possible.

Ian Simpson chief executive, Earthquake Commission

## Estimated timeline for assessment, settlement and repair

While we have not looked at all the claims, we believe the 90,000+ received to date can be generally categorized as the following:

Contents claims only	Claims under \$10,000	Claims \$10,000-\$100,000	Over \$100,000 (and/or land)
8,500	25,000	50,000	10,000

The target is to have settled all claims under \$10,000 by Xmas and to have inspected all properties with likely claims over \$10,000 by March next year. EQC is settling its part of claims over \$100,000 as they are identified. The repair work for all claims between \$10,000 and \$100,000, the ones to be managed by our Project Management Office, may take up to two years. However, this repair process will start next week. We expect reinstating damaged land to take up to 18 months.

## Residential land damage

Earthquake Recovery Minister Gerry Brownlee has made a preliminary statement about earthquake damage to residential land based on a report by Tonkin & Taylor, consultant engineers to EQC. This report suggests that very few people will be forced to re-locate because their land is beyond cost-effective repair.

The issue of the public release of the geotechnical reports that show which areas are damaged, and how badly, is uppermost in the minds of many Cantabrians. "But to avoid conjecture and misunderstanding, which may cause stress to residents, this has to be released in conjunction with the Government's decisions on what will be done to address damage in each affected area," the Minister said.

Cabinet met on Monday to consider the matter and the Prime Minister announced afterwards that it had essentially accepted the recommendations of Gerry Brownlee. "What you'll see in the very near term is public debate about, and release of information about, that engineering report, and what that will mean for homeowners who have suffered substantial damage."

John Key also said that his expectation for affected homeowners was "that the vast majority will be able to rebuild, and there certainly has been a lot of work undertaken with both insurers, bankers and the councils to ensure that once land is repaired, homeowners can rebuild. But it will vary suburb by suburb and street by street."

## EQC resources

Field offices open	5
Staff in Canterbury working on assessments	350
Permanent staff in Wellington	22
Temporary and contract staff in Wellington	67
Call centre operators	180
Additional claims officers	76

## Time limit on making claims

The time limit is three months from 4 September but we urge you to lodge your claim as soon as possible.

## Claims at 13 October

Christchurch city	75,534
Selwyn	7,551
Waimakariri	5,819
Timaru	2,281
Ashburton	1,810
Other	1,624
<b>Total</b>	<b>94,619</b>

## LODGING CLAIMS

**Homeowners who have properties damaged by the quake (or aftershocks) can lodge a claim with the Earthquake Commission (EQC). EQC's insurance cover applies to holiday homes as well as to permanent homes.**

People with house and/or contents insurance will automatically have the Earthquake Commission's cover.

Claims can be lodged by calling EQC's free phone number 0800 326 243.

Claims can also be lodged online at [www.eqc.govt.nz](http://www.eqc.govt.nz)

It is best for people to contact EQC themselves rather than getting their broker, agent or insurance company to call. We will ask who they're insured with and for an idea of the extent of damage. Once the claim is lodged, an outline of the next steps in the claims process will be sent out.

People who are unsure of their insurance situation, or don't remember who they're insured with, should contact us too on the same free phone number. We will do all we can to check their insurance details for them.

## Questions about claims

If your question is not urgent could you please email it to

[claims@eqc.govt.nz](mailto:claims@eqc.govt.nz).

We have a dedicated team answering these questions and will try to reply to your question within 7 days. If you have an urgent enquiry then please call **0800 DAMAGE**.

We are posting answers to common questions on a special page on our website

[www.eqc.govt.nz](http://www.eqc.govt.nz).



## EQC Picking up the Pieces

See a video on the earthquake and the EQC claims process by going to [www.youtube.com](http://www.youtube.com) and searching EQC - Picking up the Pieces.



New Zealand Government

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Wednesday, 13 October 2010 2:03 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: NZDF Support to EQC unclassified

Dear 9(2)(a)

Keen to confirm if we have your approval to engage NZDF support along the lines worked out at the recent meeting of our people with 9(2)(a) aides. The scope and level of support proposed is to my understanding likely to deliver immediate and lasting benefits to the operation in Canterbury. We are grateful for the offer and would like to implement the plan as swiftly as possible, via our 9(2)

Please advise if you require any additional information from EQC in order to take the next step.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)



9(2)(a)

**From:** Hugh Cowan  
**Sent:** Wednesday, 13 October 2010 1:38 p.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** FW: Meeting with EQC Management Contractor

9(2)(a)

For your info. Also, for 9(2)(a) benefit, DBH will send 9(2)(a) to meet the appointed PMO on Friday, and DBH is contacting the Selwyn and Waimak District Councils to invite the key building officials too. 9(2)(a) we'll need to organise the day, such that EQC and the PMO have the focused time we need, separate from the meet and greet with the councils.

I think DBH should be a part of the core introductory meeting, but you'll probably move into specialised topic areas at some stage so I'll leave you to firm up the plan and communicate it to the various parties since you'll be there. I'll forward to you the contact details for the DBH and council people when I get them.

Cheers  
Hugh

-----Original Message-----

**From:** 9(2)(a) [mailto:9(2)(a)@ccc.govt.nz]  
**Sent:** Wednesday, 13 October 2010 11:05 a.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** Meeting with EQC Management Contractor

Hi Hugh,

Thank you for your phone call advising of the chance to meet with the Contractor on Friday 15<sup>th</sup> October. I will brief 9(2)(a) and I am sure that he will be keen to meet with the Contractor. 9(2)(a) phone number is 9(2)(a)

Regards

9(2)(a)

Environmental policy and Approvals Unit

9(2)(a)

Web: [www.ccc.govt.nz](http://www.ccc.govt.nz) <<http://www.ccc.govt.nz>> Christchurch City Council Civic Offices, 53 Hereford Street, Christchurch PO Box 73013, Christchurch, 8154

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9(2)(a)

**From:** Hugh Cowan  
**Sent:** Thursday, 14 October 2010 5:12 p.m.  
**To:** 9(2)(a)  
**Subject:** FW: Latest full page advert 14/10  
**Attachments:** EQC Advert Star Canterbury 14\_10.pdf

9(2)(a)

Here's today's update and I have asked a colleague to add your nominees to the list for subsequent releases.

Regards  
Hugh

-----Original Message-----

**From:** 9(2)(a)  
**Sent:** Thursday, 14 October 2010 1:44 p.m.  
**To:** Hugh Cowan; 9(2)(a); Ian Simpson;

**Subject:** Latest full page advert 14/10

# Canterbury Earthquake EQC Claims Information

**NEW INFORMATION TODAY** | CLAIMS NUMBERS (see box) | ASSESSMENTS (see Message)

## Message from Ian Simpson

How long it will take to assess and settle claims is uppermost in the minds of claimants. Given the sheer number of claims, this is difficult to work out but we have come up with estimates which may be helpful (see below). We are still giving priority to the most severely damaged properties although we have in parallel begun working through those with what we call second level damage.

We are also making quite good progress on the most easily-assessed claims including minor non-structural damage and contents. As of yesterday, we had made 12,831 assessments and have received over 3,000 invoices for emergency repairs that have been made and which are currently being processed.

Our Project Management Office (to oversee the repair of as many as 50,000 properties in the \$10,000-\$100,000 category) will start work early next week.

Progress is being made on the difficult land damage issues. The Earthquake Recovery Minister Gerry Brownlee has outlined what is likely to happen and the Prime Minister commented on this after Cabinet on Monday (see below).

It is repeating the obvious, but we know that the owners are having their patience well and truly tested. Please be assured that we are doing everything we can to assess your property and help you get your life back to normal as quickly as possible.



**Ian Simpson** chief executive, Earthquake Commission

## Claims at 14 October

Christchurch city	76,160
Selwyn	7,616
Waimakariri	5,879
Timaru	2,321
Ashburton	1,832
Other	1,647
<b>Total</b>	<b>95,455</b>

## Estimated timeline for assessment, settlement and repair

While we have not looked at all the claims, we believe the 90,000+ received to date can be generally categorized as the following:

Contents claims only <b>8,500</b>	Claims under \$10,000 <b>25,000</b>	Claims \$10,000-\$100,000 <b>50,000</b>	Over \$100,000 (and/or land) <b>10,000</b>
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The target is to have settled all claims under \$10,000 by Xmas and to have inspected all properties with likely claims over \$10,000 by March next year. EQC is settling its part of claims over \$100,000 as they are identified. The repair work for all claims between \$10,000 and \$100,000, the ones to be managed by our Project Management Office, may take up to two years. However, this repair process will start next week. We expect reinstating damaged land to take up to 18 months.

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## LODGING CLAIMS

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## Questions about claims

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See a video on the earthquake and the EQC claims process by going to [www.youtube.com](http://www.youtube.com) and searching EQC - Picking up the Pieces.



New Zealand Government

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Thursday, 14 October 2010 4:31 p.m.  
**To:** [REDACTED]  
**Cc:** Ian Simpson; 9(2)(a)  
**Subject:** RE: Next week

9(2)(a)

Many thanks again for your terrific contribution to our evaluation process for the reinstatement project management. Next week please continue to support our team and the establishment of the PMO from our Deans Avenue field office (5-7 Deans Ave) in Christchurch.

Key people for you to meet include:

9(2)(a)

9(2)(a) will tell 9(2)(a) are coming in next week. You can use 9(2)(a) office.

Please liaise directly with Ian, as and when required 9(2)(a)

I will be asking 9(2)(a) do probity checks on the tender process while I'm away, and have asked 9(2)(a) we will try to run the de-brief for unsuccessful parties too. 9(2)(a) may appreciate your contribution to both activities. Please accept this note as pre-approval to travel to Wellington at their request to assist as required.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)



9(2)(a)

**From:** Hugh Cowan  
**Sent:** Thursday, 14 October 2010 4:10 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: File notes

I was just typing this commitment into my calendar for tomorrow morning ☺

---

**From:** 9(2)(a) [redacted]@med.govt.nz]  
**Sent:** Thursday, 14 October 2010 4:09 p.m.  
**To:** Hugh Cowan  
**Subject:** File notes

Hi Hugh

Just a gentle reminder - can you please e-mail me (to this address) any communications you might have on your computer that relate to the project.

Thanks so much and have a great time in America.

9(2)(a)

[newzealand.govt.nz](http://newzealand.govt.nz) - connecting you to New Zealand central & local government services

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9(2)(a)

**From:** Hugh Cowan  
**Sent:** Thursday, 14 October 2010 3:31 p.m.  
**To:** 9(2)(a)  
**Subject:** FW: Latest full page advert 13/10 unclassified

Hi 9(2)(a)

Grateful if you could add the nominated individuals to the Barton advert updates distribution list. These are NZDF people who will be directing assistance to 9(2)(a) and his band of brothers (and sisters) in our field offices. Let me know if you cannot see the email addresses.

Hugh

-----Original Message-----

**From:** 9(2)(a)  
**Sent:** Thursday, 14 October 2010 3:27 p.m.  
**To:** Hugh Cowan  
**Cc:** 9(2)(a)  
**Subject:** RE: Latest full page advert 13/10 unclassified

Thanks Hugh. It would be useful to add 9(2)(a) in Joint Forces HQ) and 9(2)(a) in Joint Forces HQ)- email contacts via the cc addresses above.

Regards

9(2)(a)

-----Original Message-----

**From:** Hugh Cowan [mailto:HACowan@eqc.govt.nz]  
**Sent:** Wednesday, 13 October 2010 3:25 p.m.  
**To:** 9(2)(a)  
**Subject:** FW: Latest full page advert 13/10

Dear 9(2)(a)

You may find the attached media update of interest. Do let us know if you would like to add anyone from NZDF to the distribution list.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

-----Original Message-----

From: 9(2)(a)

Sent: Wednesday, 13 October 2010 3:00 p.m.

To: Ian Simpson; Hugh Cowan;

9(2)(a)

Subject: Latest full page advert 13/10

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9(2)(a)

**From:** Hugh Cowan  
**Sent:** Thursday, 14 October 2010 3:26 p.m.  
**To:** Ian Simpson  
**Cc:** 9(2)(a)  
**Subject:** run sheet for Friday

Ian,

9(2)(a) is rescheduling the runsheet to account for late PMO arrival:

11.00 - PMO will arrive and meet 9(2)(a) and others.

1130 - DBH people 9(2)(a)

9(2)(a) have been supporting Councils' streamlining of consenting processes; 9(2)(a) and part of the core advisory group on engineering requirements we have contracted 9(2)(a) to lead.

1200 - Council people from Christchurch City, Selwyn and Waimakariri districts 9(2)(a)

9(2)(a)  
- These are senior building controls officials.

1230 9(2)(a) have agreed the approach for the morning and lunch will be provided for the PMO, Ops leaders and visitors. Minister Brownlee may join you for lunch (9(2)(a) spoke of this a short time ago).

9(2)(a) will assist as required.

regards

Hugh Cowan  
Research Manager  
Earthquake Commission  
Level 20, Majestic Centre  
100 Willis Street, P.O. Box 790  
Wellington, New Zealand  
DDI 9(2)(a)

-

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Thursday, 14 October 2010 1:54 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: 360 deg feedback for advanced leadership course

Happy to help. Safe travels – see you again soon!

hugh

---

**From:** 9(2)(a)@gns.cri.nz]  
**Sent:** Thursday, 14 October 2010 1:54 p.m.  
**To:** 9(2)(a) Hugh Cowan  
**Subject:** 360 deg feedback for advanced leadership course

Gentlemen

I will start an advanced leadership course next month (at short notice), and for this I need to ask a group of people to do an online (360) survey on ME.

I know you are all very busy people, so I apologise for having to ask you to do this (you guys work most directly with me outside GNS Science), but I would be grateful if you could take the time.

You will be contacted by the survey people (HayGroup).

Thanks in advance.

Cheers, 9(2)(a)

--  
9(2)(a)

Section Manager GeoHazards Monitoring  
GNS Science - Te Pu Ao  
DDI: 9(2)(a)  
1 Fairway Drive, P.O. Box 30-368 Lower Hutt  
New Zealand

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9(2)(a)

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**From:** Hugh Cowan  
**Sent:** Thursday, 14 October 2010 1:47 p.m.  
**To:** 9(2)(a)  
**Subject:** RE: Draft report

Thanks!

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**From:** 9(2)(a) [mailto:9(2)(a)@dia.govt.nz]  
**Sent:** Thursday, 14 October 2010 1:43 p.m.  
**To:** Hugh Cowan  
**Subject:** Draft report

Hi Hugh,

9(2)(a) is out of the office until late afternoon so I haven't had a chance to talk to her. Attached appears to be her draft report. I don't know the status about it.

Cheers 9(2)(a)

=====  
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=====

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Thursday, 14 October 2010 11:55 a.m.  
**To:** 9(2)(a)  
**Subject:** RE: GeoNet News and Darfield

9(2)(a) thanks, will get back to you by tomorrow morning at the latest. I received 9(2)(a) phone message, thanks.  
Hguh

---

**From:** 9(2)(a) [mailto:9(2)(a)@gns.cri.nz]  
**Sent:** Thursday, 14 October 2010 11:41 a.m.  
**To:** Hugh Cowan  
**Subject:** GeoNet News and Darfield

Good Morning Hugh,

As (hopefully) discussed with 9(2)(a) attached is the special edition of the GeoNet News, showing our response to the Darfield Event.

Its all primed and ready to print, we are getting an extra large amount and myself and 9(2)(a) will be heading down to Christchurch to give it to the public (libraries, info centres etc) and to the affected CDEM groups.

Thanks

9(2)(a)

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9(2)(a)

GeoNet Project  
GNS Science

9(2)(a)

[www.geonet.org.nz](http://www.geonet.org.nz)  
[www.gns.cri.nz](http://www.gns.cri.nz)

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9(2)(a)

**From:** Hugh Cowan  
**Sent:** Thursday, 14 October 2010 10:31 a.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** FW: Residential Slab Performance Study Proposal for pacific Steel

Hi 9(2)(a)

I called 9(2)(a) and explained what you are doing for us, and to obtain his permission to fire this directly to you as our agent.

Naturally, I am supportive in principle so the question is how to align efforts with your strategic advisory group and manage sensitivities associated with access to properties etc.

Grateful if you would liaise with 9(2)(a) and understand the link(s) to council(s) and where/when would EQC need to facilitate. The latter could be picked up via 9(2)(a) and our ops people who are already doing some work with BRANZ.

Cheers  
Hugh

---

**From:** 9(2)(a)  
**Sent:** Thursday, 14 October 2010 10:17 a.m.  
**To:** Hugh Cowan  
**Subject:** Residential Slab Performance Study Proposal for pacific Steel

Dear Hugh,

I have been asked by Pacific Steel who manufacture reinforcing steel in Auckland to prepare a proposal for a study on the performance of different forms of residential concrete slabs and foundations in the Darfield Earthquake. They would like the study to get underway in the next month.

The study would use a forensic engineering approach .

Damage to various forms of residential slabs would be surveyed and the demands placed on them and their capacity to respond to those demands evaluated.

Of particular interest would be sites in which neighbouring properties with different forms of slab construction performed differently.

The study would develop some recommendations for improvements to residential slab design practice in areas subject to earthquake and liquefaction in particular.

I am wondering whether EQC could facilitate the study by making available records of houses with slab damage and help me gain access to particular houses to inspect the damage as part of the study. I am also approaching Christchurch City Council along similar lines.

So it would be good to hear from you about this. It may be that EQC would also be interested in forming some of the objectives of the study to suit their requirements.

Kind Regards

9(2)(a)

**From:** Hugh Cowan  
**Sent:** Thursday, 14 October 2010 10:08 a.m.  
**To:** 9(2)(a)  
**Cc:**  
**Subject:** RE: DEVORA invoice for September quarter

Thanks 9(2)(a)

9(2)(a) I am happy for you to accept and approve the report in my absence.

hugh

---

**From:** 9(2)(a) [mailto:9(2)(a)@gns.cri.nz]  
**Sent:** Thursday, 14 October 2010 10:06 a.m.  
**To:** 9(2)(a)  
**Cc:** Hugh Cowan  
**Subject:** Re: DEVORA invoice for September quarter

Hi 9(2)(a)

A quick update for you. We've got most people's contribution to the Quarterly report now in, so we should be in a position to send you a draft early next week, all being well.

Cheers

9(2)(a)

9(2)(a)

GNS Science  
Wairakei Research Centre  
Taupo  
New Zealand

9(2)(a)

9(2)(a) [mailto:9(2)(a)@eqc.govt.nz]

04/10/2010 18:40

To: 9(2)(a) [mailto:9(2)(a)@eqc.govt.nz]  
cc: "Hugh Cowan" [mailto:hacowan@eqc.govt.nz]

Subject: DEVORA invoice for September quarter

Hi 9(2)(a)

Further to our conversation today, I explained to 9(2)(a) that it would be about two weeks before we would receive your quarterly report for period ending 30 September. He is just concerned that come 1 November ARC will no longer exist so they would like to have everything squared regarding the ARC's financial commitments as soon as possible before then.

Regards

9(2)(a)



9(2)(a)

**From:** Hugh Cowan  
**Sent:** Thursday, 14 October 2010 10:07 a.m.  
**To:** 9(2)(a)  
**Subject:** RE: Thursday

Hi, sure, 9(2)(a) has some interesting ideas – strategic and conceptual level mainly, so I'm not sure how practical council people will find him but I appreciate some of his thought leadership. I will be interested to hear what you think.

9(2)(a)

Hugh

**From:** 9(2)(a)  
**Sent:** Thursday, 14 October 2010 10:01 a.m.  
**To:** Hugh Cowan  
**Subject:** Thursday

I see 9(2)(a) Joint Centre for Disaster Research, Massey University, is giving a talk at lunchtime today. Is he going to be interesting enough to listen to?

9(2)(a)

9(2)(a)