



Port Hills zoning decisions

Three studies on the life-safety risks associated with cliff collapse or falling boulders, known as rock roll, have been commissioned on the harder hit Port Hills areas, to inform decision-making:

- The Institute of Geological and Nuclear Sciences (GNS) study for the Christchurch City Council
- A ground truthing of the resulting GNS model was undertaken by the Port Hills Geotechnical Group for the Christchurch City Council
- A 3D rock fall study was undertaken for CERA by specialist geotechnical engineering firm Geovert

That's resulted in the green zoning of more than 1,100 Port Hills homes and the red zoning of 285.

158 homes have been deemed to have a rock roll risk of between 1:1000 and 1:5000, which is considered unacceptable. That means further investigation is required before a final decision can be made. An announcement for those households is due in the middle of next month.

Another eight properties on Lucas Lane are at risk of landslip and also require further investigation. A decision is expected by the end of October.

Earthquake Recovery Minister Gerry Brownlee says it's the life-threat risk that's created the uncertainty for some people.

"A lot of people have worked hard on this and I wouldn't want anyone to think that the decisions made have been trite or ill-considered – far from it. We know how serious it is for people to receive these decisions, but it also marks a significant step forward for the wider city because it means that we now have only a few of our residential properties with some uncertainty about their future."

"We're not trying to prolong the pain; we just want to make sure people get a fair go as the situation is not as clear as it's been for any other land decisions."

CERA Chief Executive Roger Sutton says the work the geotechnical engineers have been doing has been intense. [↻](#)

"The information they have collected by mapping thousands of rocks over the Port Hills has been fed into the state of the art modelling system developed by the Milan University. Those models have been run and re-run to ensure the answers are consistent. So as frustrating as it may be, it just has to be acknowledged that this work is complex. And these decisions have not been made lightly." - Roger Sutton

CERA
Canterbury Earthquake
Recovery Authority

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Progress towards a new home for quake displaced technology firms

Construction's well under way for a temporary IT hub for a group of earthquake displaced Christchurch technology firms.

The two storey building will be home to 15 information technology firms under the umbrella of EPIC – Enterprise Precinct and Innovation Campus, on the former Para Rubber site on the corner of Manchester and Tuam Streets.

The firms will be housed in a New Zealand engineered timber structure by Timbercore. Canterbury director Kevin Barron says about half of the structure is erected, with the second floor structure and floor now in place. The building has a planned completion date of September.

More than two million dollars has been allocated towards the EPIC hub by government to support high-tech innovation in Canterbury. The concept is also supported by Google which has committed to providing advice to the group on the design and function of the site based on its global experience.

The four million dollar EPIC hub is set to accommodate the firms for five years. The Christchurch City Council is providing the site rent free for that time. The building's actual life-span is 50 years but it has been designed to be dismantled if required.

Kevin Barron says the wood structure is so light-weight it only requires 500 millimetre deep concrete foundations.

He's keen to see timber used in more and more Canterbury construction. "Of the 30 Timbercore buildings constructed

in Canterbury before September 2010, none sustained earthquake damage. They performed a great deal better than steel and concrete."

He believes the future lies in timber structures. "Overseas, 12-storey engineered timber buildings are commonplace and up to 30-storey ones are on the drawing board". [↻](#)





Gerry Brownlee
Canterbury Earthquake Recovery Minister

The recent zoning decisions relating to Port Hills properties were some of the most complex and challenging we have made.

More than any other area, the issue of life-safety risk has had to be addressed.

Three separate studies undertaken by GNS on life-safety risks association with rock roll and cliff collapse were commissioned.

We have had some of the very best geotechnical science assessment and analysis available working on determining the appropriate level of risk to life and property, to enable us to make robust decisions.

I have constantly stated my intention to zoning properties and giving property owners some clarity and enable them to move forward with their lives as soon as we possibly can.

And this is what we have done.

Between 5 September 2011 and 18 May 2012 some 11,700 properties were progressively zoned from white to green.

At the end of last month, we rezoned a further 1,107 properties green, meaning owners of those properties can be reassured that their land is suitable for residential occupation.

We also rezoned 285 properties red. The owners of these properties will receive offers of purchase – two options similar to what red zoned owners have received on the flat land.

The land issues fall into three risk categories: cliff collapse, rock roll and landslip.

Studies assessing life-safety risk from cliff collapse confirmed that 191 properties were affected by significant cliff collapse and debris inundation in the Port Hills. Viable remediation options that would stabilise the cliffs have not been able to be identified, and there is a very real life risk issue associated with ongoing occupation of these properties.

Further geotechnical information allowed assessments of the relative life safety risk stemming from the risk of rock roll and the future options for the properties affected.

In this case, the first step was to consider the level of life safety risk that is considered acceptable.

It is not possible or sensible to entirely eliminate or seek to eliminate risk from our everyday lives.

And it is important to note that the risk arising from rock roll is not a constant.

We also know that seismicity risk is expected to diminish over time which means that the risk of rock roll is also expected to diminish over time.

There is no correct level of risk, but it is the view of many that a risk tolerance of 1 in 10,000 represents an appropriate risk threshold in the rock roll situation.

This level is equivalent to the risk of being killed in a motor vehicle accident and it has parallels with some aspects of regulatory practice elsewhere.

Properties at risk from rock roll better than 1 in 5,000 have been zoned green on the basis that this is considered to be an acceptable risk level for issues associated with rock roll, and by 2016 the annual risk factor for these properties is expected to reduce to 1 in 10,000.

94 properties at risk from rock roll worse than 1 in 1,000 have been zoned red on the basis that this is considered to be an unacceptable risk level, and the risk levels are unlikely ever to reach an acceptable level.

A comparatively small number of 158 properties will remain white for a little longer while further information is obtained and analysed.

All but eight properties assessed as being at some risk from landslip have been zoned green, consistent with process and methodology used elsewhere in New Zealand.

Further specific geotechnical investigations are required into those eight properties situated on Lucas Lane.

All affected property owners will have received a formal notice about the zoning of their properties.

Owners of properties zoned red or green now have certainty and can take the next steps – moving through the crown offer process, talking to their insurers or EQC as appropriate.

I would like to thank the people of the Port Hills for their incredible patience during what will have been a worrying time. I assure you we have made the decisions as soon as we have been able to and that the all-important analysis work which has formed the basis of these decisions could not have been completed sooner.

I wish you all well. ☺

UPDATE FROM THE EARTHQUAKE COMMISSION

By the end of June EQC and Fletcher EQR have repaired just on 17,500 Christchurch and Canterbury homes. That's the equivalent of all the homes in Timaru – with damage ranging from minor to severe. In total, EQC repairs and payouts to the end of June amounted to \$3.2 billion.

Mediation Service

June also saw the announcement of an independent mediation service for EQC customers under an agreement signed with the Arbitrators' and Mediators' Institute of New Zealand.

"We understand that there are times when there could be significant differences in perspective between customers and EQC that are best resolved with the help of someone who has no personal bias," says Mr Emson.

"This service will give our customers the chance to have their dispute resolved by negotiation by a mediator who has no predetermined view," he says.

The service is free of charge to customers and will begin in August. If settlement is reached, an agreement is signed which is contractually binding.

Interpretation of the legislation and questions relating to apportionment of more than one claim on a property will not be covered by mediation. ☺



EQC
EARTHQUAKE COMMISSION
Kōwhiriāna Rauwhenua
EQC
Phone: 0800 Damage
(0800 326 243)
Web: www.eqc.govt.nz

Flatland zoning review applications close

The deadline has now closed for residents to appeal against flat land zoning decisions in Christchurch.

By the 30 June deadline, the Canterbury Earthquake Recovery Authority had received a total of 1,313 requests.

CERA received 1,156 requests to go from green to red and 157 have asked for a red zoning to go green.

The applications will be reviewed by an advisory group made up of three CERA officials with experience in public policy, law and geotechnical engineering. An independent member, Dr Keith Turner, has also been appointed.

Earthquake Recovery Minister Gerry Brownlee will report back to Cabinet on the review by 30 July 2012 and applicants should be notified sometime during August.

The flat land zoning decisions being reviewed by the panel do not include the Technical Categories or TC1, 2 and 3 classifications. ☺

Port Hills Land decision – CERA offers help and support for those affected

The majority of the major land-zoning decisions have now been made in Christchurch, covering 1,558 formerly white zoned residential households on the Port Hills.

Canterbury Earthquake Recovery Authority General Manager Community Wellbeing Michelle Mitchell says "The decisions represent change and possible uncertainty for many and we want people in those communities to understand support is available to them."

Those affected were sent letters by special delivery on the 29th of June when the announcements were made. Within 24 hours, all the white zoned properties (except those with s124 notices in place) were visited by Earthquake Support Coordinators and the Red Cross. The role of the coordinators, who are largely representing non-government agencies, is to make sure people are aware of the announcements and what supports are available. The Salvation Army was also in the affected communities around the time of the announcements offering support.

CERA chief executive Roger Sutton has since fronted a series of community meetings aimed at explaining the decisions and gathering feedback from those affected.

This month, workshops will be set up to allow smaller groups to talk face to face with CERA staff, engineers, representatives

of EQC and insurance companies and other agencies offering information on the process. Outreach services or community hubs will also be set up close to the affected areas like those in Avondale and Kaiapoi.

Ms Mitchell says "The role of the 72 Earthquake Support Coordinators, the community meetings and workshops is not just to inform people of the mechanics of the process they are in. That is vital of course, but we also want those affected to be aware that social support is available."

Counselling can be arranged by calling the Canterbury Support Line (0800 777 846) or by GP referral. 📞

"It's a difficult time for a lot of people – life for some is changing. It's important for people who are finding life tough at the moment that they seek out the appropriate support services both in CERA and other agencies, but also neighbours and friends need to look after those people as well." - Roger Sutton



Roger Sutton
CERA Chief Executive

As you will know, announcements have now been made around zoning decisions for properties in the Port Hills, with the majority being zoned green.

I know it has been a long wait and I know people no longer want to hear me say how complex this process is. But these are decisions that cannot be made without intense investigation, and that does take a lot of time.

Unlike the flat land decisions, the risk across much of the Port Hills surrounds life safety. That is essentially asking the question – would your life safety risk increase simply by living in your home?

Because it shouldn't. Your home should be your sanctuary.

Unfortunately it is not always the case, and these large earthquakes we have experienced have made that extremely clear. Especially for the owners of 285 properties who are now zoned red. Many of those sections have already fallen off the cliff edge. Others have car-size boulders in their living rooms. And many others remain at extreme risk of what could happen should we have another large quake.

On the flip side of that, 1,107 properties are now green Zone which means these folk can get on with having conversations with EQC and insurers about home repairs or rebuilds.

There are 166 properties that remain zoned white, and while this was not what I had hoped, it is just not possible to make the absolute decision on the risk to this land as yet.

The answers will be known in the coming months.

The feedback from community meetings has been helpful with many seeking clarification of the exact implications for them.

We've heard some questions that have not even been considered before and we appreciate how many people have made the effort to attend.

Information on the zoning decisions is also available on our website www.cera.govt.nz or you can call **0800 RING CERA (0800 7464 2372)**.

Thank you for your ongoing patience. 📞

UPDATE FROM THE CHRISTCHURCH CITY COUNCIL

Understanding the implications of Section 124 notices in the Port Hills

A summary from the Christchurch City Council:

My house was re-zoned white to green – what happens with my s124 notice?

Section 124 notices will be reassessed and you will be advised by Council if they can be removed.

My house was re-zoned white to red – what happens with my s124 notice?

Section 124 notices will remain on all properties re-zoned white to red. There are 206 notices in this situation. The notices remain because they indicate a very real, localised danger.

If your red-zoned house does not have an s124 notice, it is possible that ongoing, localised assessments result in the issue of a new notice. The Council will contact you personally if that is the case.

My house is still zoned white – what happens with my s124 notice?

Section 124 notices will remain on properties that are still in the white zone. There are 114 properties in this situation. The Council will not issue any new s124 notices in this white zone as assessments are still ongoing, unless new hazards are identified as a result of aftershocks or weather events.

Existing green zone section 124s (areas zoned green prior to the most recent announcement)

If your house was previously zoned green by CERA as a result of a past announcement, and you were issued a section 124 notice, this will remain in place. Further investigations are required in these areas in coming months. These residents will be kept informed of progress. 📞

Christchurch
City Council

CHRISTCHURCH CITY COUNCIL
Phone: 03 941 8999
Web: www.ccc.govt.nz
Email: info@ccc.govt.nz

St Albans, Shirley streets get full facelift

Eastern St Albans and Shirley's piping network sustained significant earthquake and liquefaction damage. A full package of replacement pipes is needed in many streets. But more than just new pipes, the rebuild provides the opportunity to design the network better.

Fletcher Construction, part of SCIRT, is tackling this long-term project in four stages and has started the first two. Each stage will take nine to ten months to complete. As each area is completed, roads will be permanently repaired.

Rebuilding the wastewater network in Shirley and adjoining St Albans streets has created the opportunity to build a much better system. For example:

- The pump station network will be split up, spreading the risk. If one pump station is damaged, wastewater can easily be redirected to a nearby functioning station.
- The number of pipes running across streams or waterways will be minimised, reducing the risk in any future earthquake.
- New pipes are polyethylene or plastic. These are more flexible, and have less risk of cracking and breaking away from joints in an earthquake.
- Houses near streams or at risk of lateral spread from a river will get new low pressure sewer systems. These do not rely on gravity to work like the old system, fewer pipes are needed from the house to the street and they will be positioned closer to the surface, improving accessibility.

The end result will mean new roads and a fully repaired wastewater system that is more resilient to any further seismic activity.

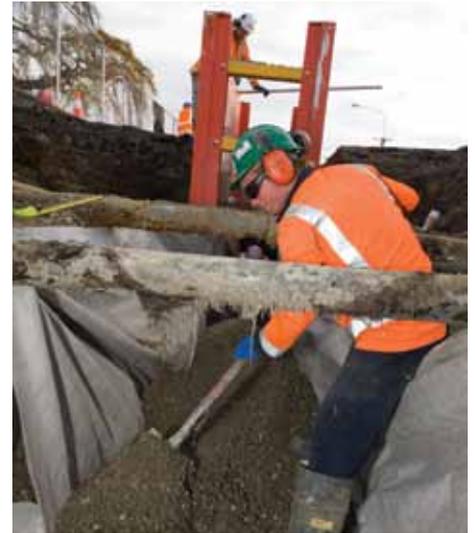
So far work has started in portions of Geraldine and Nicholls Streets, Stapletons Road/Averill Street and Hills Road, followed by North Parade (between Randall and Averill Streets).

Low pressure wastewater systems will also be a feature of the Shirley infrastructure rebuild, where the existing gravity-based system is unreliable.

The other big design change in Shirley is the switch to underground pump stations and three lift stations. The new pump stations will be much less noticeable at street level, with just a small cabinet and a hatch visible.

- Project overview notices for each stage will continue to be distributed to letterboxes, followed by street-specific work notices.
- Work notices will be online at www.strongerchristchurch.govt.nz (put your street name in the search box).
- An information notice board is going in outside the Shirley Community Centre, opposite Shirley Primary.
- For further information, call the Fletchers Infrastructure Rebuild Team on 0800 444 919 between 8.30am and 5.00pm.

SCIRT thanks everyone for taking care and slowing down in busy construction areas of town. A big thanks to residents for bearing with the inconveniences necessary while the city is rebuilt. ♻️



SCIRT
Phone: 03 931 8999
Email: info@strongerchch.co.nz
Web: www.strongerchristchurch.govt.nz

SCIRT leader: building a lasting legacy in Christchurch



Duncan and Ruth Gibb enjoyed a day planting native species on Southshore Spit recently, part of a SCIRT community project

Duncan Gibb, SCIRT General Manager since it began in May 2011, is a man up for a challenge.

Previously General Manager of Fulton Hogan's Queensland Business in his home country, Australia, Duncan jumped at the chance to lead the Stronger Christchurch Infrastructure Rebuild Team (SCIRT).

The SCIRT five-year appointment fits in with many of his other roles with international construction companies like Thiess, both here and in Australia, and several joint ventures similar to SCIRT.

A year on and with a better understanding of the scale of the Christchurch infrastructure rebuild, is he any less bushy-tailed?

Hardly, he says. "The challenge is what makes the job worthwhile. We need to leave a lasting legacy for Christchurch. This is not business as usual. SCIRT is raising the bar on safety in the construction industry and enhancing engineering

design standards to deal with ongoing seismic activity so that people have confidence in the rebuilt systems.

"It's also important that we train and recruit people to work in the construction industry - Christchurch people first, then country-wide and internationally. Everyone at SCIRT from the office to the work on the street is playing a part in setting this city back on its feet, with renewed confidence.

"I am immensely proud of what the SCIRT team is achieving, much of it invisible and to some degree, taken for granted once completed. When it comes to essential infrastructure, if it's working well, we should barely know it exists.

"The value of an alliance like SCIRT is having Government - which is funding this rebuild over the five years - working with industry.

"We know that replacing huge pipes will disrupt people's lives as they live near and drive through work sites. It's frustrating, which is why we have to keep people forewarned and get the work done as efficiently as possible." ♻️

Send us your feedback

The Greater Christchurch Recovery Update

is your monthly update on the progress of recovery. If you have a story idea or wish to send us feedback, you can email newsletter@cera.govt.nz or send a letter to:

Greater Christchurch Recovery Update
Canterbury Earthquake Recovery Authority
Private Bag 4999
Christchurch 8140

Exciting plan to kick start central city redevelopment – just around the corner

At the end of this month, the Recovery Plan for the city centre will be launched. The Christchurch Central Recovery Plan contains the vision for Christchurch's central city and the initial steps to kick start its redevelopment.

The Recovery Plan is at the heart of the Christchurch Central Development Unit's strategy to attract investment in the long-term future of greater Christchurch. The Plan's spatial blueprint will set out the location of community amenities and their key design elements.

Although the specific design for each project won't be prepared; size, configuration and design principals will be explained.

"This blueprint will provide the overall framework, but the physical design of many key projects is a matter for the future." says the Development Unit's Director, Warwick Isaacs. "For now, we need to decide what is going where and how that can be implemented on a practical level." 🗺️

The Christchurch Central Recovery Plan anchor projects are a mixture of key community assets and projects. They include: a convention centre, a multi-use, high performance sports facility, Papa o Ōtākaro/Avon River park, a metro sports facility, an earthquake memorial, a justice and emergency services precinct, a public transport interchange, the Square, an arts and culture precinct, a health precinct, a retail/commercial precinct, and a residential project.

The 12 anchor projects will be located within the five avenues.



**Christchurch Central
Development Unit**

Phone: 03 354 2600
Email: info@ccdu.govt.nz
Web: www.ccdu.govt.nz

Recovery Plan is a key statutory document

Last year thousands of people contributed their ideas and their vision for what our future central city might look like. There was a resounding call for a city that is distinctive, vibrant, green, accessible, and innovative.

These recurring themes were brought together in the Christchurch City Council's draft Central City Plan which was presented to the Canterbury Earthquake Recovery Minister Gerry Brownlee last year. CCDU is building those views and ideas into the Christchurch Central Recovery Plan and, as such, our work draws heavily on Volume 1 of the draft Central City Plan.

To deliver this vision, the Christchurch Central Recovery Plan will effect changes to the District Plan and other documents made under the Local Government Act 2002 and the Land Transport Management Act (2003). The Recovery Plan is, therefore, a key statutory document that will be used to implement recovery in the central city. 🗺️



Melbourne Convention Centre



Glasgow Convention Centre

Convention centre is a civic centre

If Christchurch's convention centre is to serve the city, it must be one that is fundamentally connected to the city. The centre will be part of the city's internationally recognisable public buildings and also a key part of the city's branding.

That's according to CCDU director Warwick Isaacs, who says Christchurch's convention centre must be fully integrated into the city fabric and act as a catalyst for retail and commercial activity there. "Its location will connect the centre to key existing and new public spaces, which will add to its civic amenity."

Pedestrian access to key retail locations, hotels and public spaces will form an important part of the centre's design and location. The convention centre must have good access for service vehicles as well as being in close proximity to public transport facilities.

Mr Isaacs says the key to the success of this facility in Christchurch will be its ability to tap into as broad a cross section of the convention centre industry as possible, while also being a key contributor to the Christchurch community.

The blueprint has been developed by a highly talented team of architects, urban designers and planners. Mr Isaacs says they have applied their skills and experience to the planning and

thinking behind each anchor project in the blueprint. This expertise, when brought to bear against an anchor project like a convention centre, means that Christchurch is in line for a truly wonderful facility and many other excellent amenities. 🗺️

EQC focusses on winter warmth

Concerned neighbours, family and friends are phoning up the Earthquake Commission call centre at the rate of about ten a day to suggest the names of people they think are suffering from the cold, after losing their main source of heating. The calls are in response to a radio and newspaper advertising campaign run by EQC in June.

Each call results in an assessment of the relevant circumstances, and the cases found to be urgent are referred to Fletcher EQR for urgent attention.

"We initiated the campaign out of concern that there may still be some people feeling the cold after losing their main source of heat, because the winter weather arrived with a blast in June," says EQC General Manager Customer Services Bruce Emson.

The campaign follows on from a highly successful drive last winter by EQC and Fletcher EQR to alert people to the opportunity for a heat pump or solid fuel burner to replace the main source of heating lost during the earthquakes.

Last winter, Fletcher EQR provided 15,880 homes with a replacement main heat source – 9374 heat pumps and 6434 solid fuel burners.

"This year, we want to make sure everyone who is eligible has come forward," Mr Emson says. "The weather isn't looking like it's going to get any warmer." ♻️



EQC
Phone: 0800 Damage
(0800 326 243)
Web: www.eqc.govt.nz

UPDATE FROM ENVIRONMENT CANTERBURY

Local agencies have combined to make sure the current disposal of earthquake waste is efficiently managed and monitored to ensure protection of the natural environment in both the short and longer term.

Environment Canterbury, Christchurch City Council, CERA and the Selwyn and Waimakariri district councils have joined forces to monitor the movement and disposal of earthquake waste which could prevent the rebuild of the city and restrict future land use.

"We want to get ahead of the issues created by the huge amounts of waste being generated at present and avoid any legacy issues around contaminated land which could cause problems further down the track," says Brett Aldridge, Environment Canterbury Manager for Monitoring and Compliance.

"Our joint agency approach to date has already realised benefits for all agencies in terms of understanding our overlapping regulatory responsibilities, sharing real time information and acting together in responding to the various waste issues not just in Christchurch but the wider Canterbury area," says Anne Columbus, Christchurch City Council Acting Unit Manager Investigations and Compliance.

Over the past 14 months senior staff have been overseeing the management of earthquake disposal with monitoring work being carried out by Christchurch City Council and Environment Canterbury.

However funding has now been secured to establish a dedicated team of five people, the Waste and Environmental Management Team, to proactively manage compliance related to earthquake waste and contaminated land for a two-year period.

"Waste from the recovery is not just confined to Christchurch," says Mr Aldridge. "As a result the team will

operate wherever waste handling facilities are set up in the Greater Christchurch area. They will work with each council's compliance and technical staff to ensure all the councils are regularly informed about waste issues and how they are being handled.

"Currently there are at least 47 sites handling earthquake waste in Christchurch which presents significant challenges," [Mr Aldridge] says. "Having people on the ground means they can work with the demolition and construction companies, insurance project management offices and other agencies.

"They will be proactive and pragmatic and use a range of methods to ensure compliance with local and regional requirements. They should also help us identify any future issues in waste and contaminated land as they arise."

Before the earthquakes, the waste industry in Christchurch was designed to handle 225,000 tonnes of city waste and 600,000 tonnes of contaminated waste each year. It is estimated that the earthquake will produce around 8.75 million tonnes of contaminated waste.

The first three members of the Waste and Environmental Management Team began work on 11 June, working from the CERA office at Marian College. ♻️



ENVIRONMENT CANTERBURY
Phone: (03) 353 9007
Web: www.ecan.govt.nz

canterbury home repair programme
A collaboration between EQC and Fletcher

Help us to help you keep warm

There may still be people in our community who don't have adequate heat to keep them warm and we need your help to find them.

If you, or someone you know is suffering the cold after losing their main source of heating in the earthquakes, please call us today on 0800 DAMAGE (0800 326 243).

Call us today if you have lost your main form of heating due to earthquake damage
0800 DAMAGE (0800 326 243)

EQC EARTHQUAKE COMMISSION
Fletcher

New Zealand Government

Edgeware Supermarket reopens

A huge step forward for one Christchurch community. Just over a year since its demolition due to February quake damage, the Edgeware Supervalue has reopened.

The brand new state of the art supermarket was officially opened late last month and owner operator Stephen Anderson says they've had a positive response from Edgeware locals.

"It's a huge step forward. We are the first supermarket to rebuild following the earthquakes, so it's not only a big milestone for Edgeware but it's a line in the sand for Christchurch as well."



Roger Sutton, Stephen Anderson (owner operator), Minister Gerry Brownlee and Robert Smith (Progressive manager)

"People have really welcomed us back and the first few weeks of business has been steady which is encouraging. We know it will take a while for everybody to know we are back in business and the weather hasn't been too good. There have also been ongoing roadworks outside which are due to be completed shortly." Mr Anderson says he's kept on core staff and managers and has been able to reemploy some of the old staff. The supermarket employs about 40 people in total.

The opening was attended by Christchurch Mayor Bob Parker, CERA Chief Executive Roger Sutton, Minister Gerry Brownlee and community leaders. 🇺🇲



Roger inspecting the new check-outs

International fact-finding mission for Christchurch's Anglican church leaders

A small group, including Bishop Victoria, the Acting Dean Lynda Patterson and architects from Warren and Mahoney recently returned from visiting cathedrals and other church buildings around the world.

The short trip was to provide further ideas, learning and inspiration on what design factors may influence the future Cathedral in Christchurch.

Acting Dean Lynda Patterson says, "We went to be inspired and take some ideas."

It was a very busy schedule with cathedrals being visited in the United Kingdom, Europe and the United States of America. The buildings visited included Coventry Cathedral that has retained the ruins from the Cathedral being bombed

during World War II, and St Kolumba in Cologne, which had a different approach to combining old and new in a building.

There will be opportunity for all Cantabrians to share their thoughts on the future Cathedral for the Square in the coming months.

You can read the blogs from this trip and see the photographs at the following address.

<http://blogs.anglicanlife.org.nz/cathedral/cathedral-tour/> 🇺🇲



SCIRT progress

SCIRT's budget for the five year infrastructure rebuild is more than \$2 billion. Currently there are around 1,000 SCIRT employees, both in the field and working on pre-construction activities.

At its peak, numbers in the field will increase bringing the total to 2,000 people employed across 150 work sites, with a monthly spend of \$30-40 million.

Here's an update on our work.

Completed

- **22 km** wastewater pipe laid
- **13 km** fresh water pipe laid
- **800 km** (half) of the wastewater network, over 100 mm diameter, assessed by CCTV/ other criteria
- **250 km** (close to a third) of the stormwater network, over 100 mm diameter, assessed using CCTV/ other criteria
- **Around 25,000** square metres of road pavement laid
- **174** projects valued at \$71 million completed

In pipeline

- **82** projects valued at \$135 million under construction
- **122** projects valued at \$730 million being designed

Communications

- **1,750** face-to-face interactions about our work
- **468** work notices distributed to 95,000 letterboxes
- **40** e-newsletters produced
- **More than 10,000** people given information at public displays
- **1,000** signs installed
- **18** school visits 🇺🇲



SCIRT
Phone: 03 931 8999
Email: info@strongerchch.co.nz
Web: www.strongerchristchurch.govt.nz

Engineering assessments progressing well

Christchurch City Council is continuing a major programme of detailed engineering evaluations on its non-residential facilities, with more than half of the required assessments already completed or underway.

Of the Council's 1,009 non-residential buildings, a total of 150 detailed engineering evaluation (DEE) assessments had been completed by the end of June while a further 378 are underway. DEE assessments are also underway on the Council's social housing facilities.

The DEE assessment programme is part of the Council's Facilities Rebuild Plan and will take two years to complete. It enables the Council to make informed decisions around the continuing occupancy of its facilities as it has agreed to close all buildings that are below 34 percent of the New Building Standard (NBS). The assessment results will also help to inform future decisions about whether to repair or rebuild Council facilities.

A third of all the Council buildings that have been assessed have been below 34 percent of the NBS and are therefore closed. Buildings have been prioritised for assessment according to a set of weighted criteria, such as the age of a building, the type of material with which it is built and its significance to the community.

Council Unit Manager Corporate Support Sue Chappell says that, due to the DEE prioritisation process, it was expected

that buildings that were among the first to be assessed were more likely to be below 34 percent of the NBS. "Although we are aware that closing our facilities after receiving the results of a DEE assessment has been difficult for those affected, it is important that the Council ensures the ongoing safety of people using, or living, in its facilities."

With its DEE assessment programme well underway, Council staff are currently looking at which of its facilities can be repaired over the coming year. A draft programme will be presented to the Council for approval later in the year.

Ms Chappell says, "We know that our community is wanting more clarity about facilities that are currently closed, or have been demolished, and we are working hard to get these answers. However, a DEE assessment, which can take up to two months to complete, is just the beginning of a thorough decision making process about a building, which includes discussions with insurers. We appreciate residents' ongoing patience."

For more information about the Council's detailed engineering evaluations and its Facilities Rebuild Plan project, visit www.ccc.govt.nz/facilitiesrebuild



UPDATE FROM THE WAIMAKARIRI DISTRICT COUNCIL

The Waimakariri District Council's Earthquake Recovery Programme continues to progress and there have been a number of updates recently on the status of community facilities throughout the district.

Kaiapoi Library/Museum/Service Centre

Council has approved funding for the establishment of a new Kaiapoi Library/Museum/Service Centre on the corner of Raven Quay and William Street – the site of the old Library/Service Centre.

Council staff estimate this project will be ready to put out to tender in March next year.

Kaiapoi Aquatic Centre

The design work for the repair and rebuild of the centre has been completed and tenders have been called. In response to community feedback, the design incorporates more change-room facilities, a larger women's changing area and an improved toddlers' pool viewing area. The plan is to start physical works in August/September subject to suitable tenders being received.

The Christchurch Earthquake Appeal Trust recently announced a \$1.1 million grant towards the estimated \$5 million cost of repairing the centre.

Rangiora Library (Chamber Gallery)

Earthquake repair and strengthening works to protect this heritage building, including internal work and external re-bricking, are being undertaken and will be completed by mid-July. Public toilets and staff offices in the main library have re-opened.

Kaiapoi Community Centre and Oxford Pool

Staff have completed final inspections of the minor earthquake damage repair work for the Kaiapoi Community Centre and Oxford Pool and this work has now been completed.



Oxford Town Hall

Following the consideration of submissions to its Ten Year Plan and views expressed at a public meeting in Oxford, the Waimakariri District Council is awaiting a further detailed engineering evaluation of the Oxford Town Hall.

The assessment will identify updated strengthening measures and the results of this work with associated costs will enable Council and the community to be better informed before making a final decision on the building's future. This update is expected in August.

Oxford Library and Service Centre

Temporary repairs to strengthen the building have been completed and full library services have resumed.

Rangiora Town Hall

Council has approved the project to proceed on the basis of earthquake strengthening of the existing town hall and the addition of a performing arts extension. Council staff anticipate the performing arts extension project will go to tender in mid-2013.

Progress continues to be documented in regular updates in the local papers and on the New Foundations website at newfoundations.org.nz

UPDATE FROM THE SELWYN DISTRICT COUNCIL

Don't forget to look after yourself!

Looking after ourselves in this long recovery process is still vital, community leaders heard at a recent wellbeing and resilience workshop.

Selwyn District Community Recovery Support Officer Jenny Harkerss says participants came from all sorts of backgrounds, including childcare providers, representatives of health, religious, social service and residential care organisations, a government department staff member, contractor dealing with earthquake repairs, and a Christchurch Women's Prison chaplain.

Research carried out about the social effects of the tragic Australian bushfires provided the basis for the workshop material.

"This is the time that carers and social service organisations are really feeling the strain. And so it's essential that people know how to recognise and prevent burnout; looking after themselves so they can look after others," Mrs Harkerss says.

"People are getting quite worn down, especially those who are always dealing with people under pressure. And a lot of people felt things should have been better by now. Plus we've had a spell of cold weather and that affects everyone."

As with many such workshops, the group discussions provided useful instances of real life situations and how people had dealt with issues.

"You learn as much from one another and their experiences as you do from the session. I found it really quite inspirational being amongst some of these community leaders. Remembering that we're not about the big picture, but trying to look after individuals."

Some of the basics to remember:

- Use relaxation techniques
- Think about nutrition, make sure you're eating well
- Get outside and get some exercise



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