



Greater Christchurch

RECOVERY UPDATE



CERA
Canterbury Earthquake
Recovery Authority

June 2012

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The Recovery Strategy

Providing vision and direction for greater Christchurch

A significant milestone in the recovery of greater Christchurch was reached on May 31, with the launch of the Recovery Strategy for Greater Christchurch, Mahere Haumanutanga o Waitaha by Earthquake Minister Gerry Brownlee. In many ways it represents a turning point as the city moves from the immediate recovery phase to rebuilding and revitalisation of the region.

The Recovery Strategy is essentially a roadmap through the rebuild. It outlines how opportunities for investment, innovation and job creation can be maximised, while ensuring the wellbeing of the community is at the heart of the recovery.

It has been developed following months of consultation and collaboration with the community, government agencies, and groups including Te Rūnanga o Ngāi Tahu, the Christchurch City Council, Selwyn and Waimakariri District Councils and Environment Canterbury.

The Strategy aims to provide direction for all those involved in recovery activities. The Recovery Strategy has statutory effect, setting recovery goals and priorities into key planning instruments such as Long Term Plans and District Plans for greater Christchurch, enabling government and councils to work

together towards ongoing earthquake resilience. It also sets out phases of recovery, recognising that many organisations and individuals have a part to play, not just Government but also councils, iwi, communities, private sector, businesses, and the residents of greater Christchurch.

The recovery vision is for greater Christchurch to recover and progress as a place to be proud of – an attractive and vibrant place to live, work, visit and invest, mō tātou, ā, mō kā uri ā muri ake nei – for us and our children after us. In this newsletter you will find news and updates on different areas of the recovery.

You can find more information about the Recovery Strategy and how it is being implemented as well as read a copy on the CERA website at www.cera.govt.nz. Copies are also available to view at your local library.



Gerry Brownlee
Canterbury Earthquake Recovery Minister

The recovery of the greater Christchurch region presents us with the biggest challenge we as a region and country have faced in our short history.

The scale and complexity of the task for communities, for individuals, for local authorities, and for the Government and its agencies, is impossible to overestimate.

However, with challenge comes opportunity. Ensuring we meet the challenge and realise the opportunity is the Government's number one priority.

We have already achieved a great deal since the first earthquake of 4 September 2010 and the even more devastating quake of 22 February 2011. We are well into the journey of recovery and revitalisation of our region.

Last week I officially launched the Recovery Strategy for Greater Christchurch Mahere Haumanutanga o Waitaha. While much recovery work has already been completed and much more is underway, the publication of the Recovery Strategy signifies a major step in this journey.

It provides a framework for a coordinated, collaborative and sustained recovery - effectively a roadmap for our recovery journey.

It has been developed along with strategic partners Te Rūnanga o Ngāi Tahu, the Christchurch City Council, the Waimakariri District Council, the Selwyn District Council, and Environment Canterbury.

Many thousands of contributions from the people of greater Christchurch have also helped develop an excellent framework of components for the Strategy, and will also play a major part in its success. So many of you contributed your ideas and your energy and I thank you for that.

There are six key components of recovery: economic, social, cultural, built environment, natural environment, and leadership and integration.

Within each component sit a number of more detailed and specific Recovery Programmes. I encourage you to download the full Strategy at www.cera.govt.nz, talk to your friends and get involved in its delivery.

Development of the Recovery Strategy was a requirement of the Canterbury Earthquake Recovery Act 2011 and I'd like to thank Roger Sutton and his staff for their hard work producing this excellent document.

Ensuring recovery is sustainable and successful requires leadership, and that is what is delivered with this Recovery Strategy.

The Government remains absolutely committed to greater Christchurch and its people. This region has always been a great place to live and visit, and a very significant contributor to New Zealand's economic activity. This is our opportunity to rebuild our region and restore it to a vibrant, strong, diverse place people will want to live in, visit and invest in. Together we will make it even greater.

Gerry Brownlee



Roger Sutton
CERA Chief Executive

Roger Sutton on the Recovery Strategy

Welcome to the new-look Greater Christchurch Recovery Update from CERA. We thought the timing was right to create a fresh new magazine to be the 'voice' of the recovery. There are many exciting and important things happening in Christchurch right now. We want to make sure you are kept up-to-date with the progress happening in all aspects of the recovery, and the work going on across the city.

To recover from natural disaster means more than repairing damage. A city is so much more than physical structures - it's a community, a natural and built environment, a social and economic network. With the launch of the Recovery Strategy we now have the first part of our roadmap towards linking all these things together and making a new, better Christchurch. The strategy reflects a lot of hard questions and tough lessons: it embodies everything we've learned about what needs to be done.

More than anything I think it shows an understanding of how community, industry, and government all have roles to play in genuine recovery. We need everyone on board, working together, because we have an enormous job to get on with. We've already seen examples of what can be done with projects like Restart Mall, Addington Stadium, and the use of green spaces like Hagley Park. On the individual level we've seen countless acts of kindness and recovery whether it's people checking on their neighbours, repairing their houses, or establishing new businesses in town.

As winter sets in these individual acts are more important than ever. Be sure to keep warm and keep an eye out for people who may be struggling. A city isn't a city without people, and the way we act under difficult circumstances says more about Christchurch than anything else can.

Clearly this will be a city of opportunities as it starts to boom, and we want to make sure it's not just short term employment but a long term future. The last year has given me enormous confidence that we're going to make it. We're on the cusp of a crucial shift to long term forward planning. Perhaps in our darkest days we weren't sure that could happen, but our resilience has come to the fore.

The new look Greater Christchurch Recovery Update will be bringing you monthly updates from across the region. Our aim is to provide greater Christchurch with information on the big picture and the individual steps towards recovery, helping build a better understanding of the road ahead.

Keep warm and stay safe, and let us know what you think of the new Update.

Roger Sutton

The components of recovery

The Recovery Strategy goals and the programmes of work are organised around six inter-connected categories. This diagram outlines the high level goals in the six recovery components.



Leadership and integration encompasses research and information, communication, funding and finance and the governance, coordination and project management of recovery activities.

Economic recovery includes investment, business, labour market and insurance liaison

Built environment includes land, land use, housing, buildings, transport and infrastructure

Natural environment includes air quality, biodiversity, the coast, land, groundwater and surface water quality and natural hazards

Cultural recovery includes the arts, culture, heritage buildings and cultural heritage places and sports and recreation

Social recovery includes education, health and community support services

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



Christchurch Central
Development Unit

CCDU – Finalising a Recovery Plan for Central Christchurch

The Christchurch Central Development Unit was established within CERA in April to lead and coordinate the redevelopment of the central city.

The Director of CCDU, Warwick Isaacs, and his team are tasked with delivering an investable Recovery Plan for the central city that reflects the vision and the principles identified by the people of Christchurch through the Christchurch City Council's "Share an Idea" campaign.

Thousands of ideas were contributed as to how the central city might look and feel. A consistent vision emerged – that of a city which is distinctive, vibrant, green, accessible, and innovative – and these ideas were brought together in the Council's draft Central City Plan.

The task now is to bring that vision to life and CCDU will work with Christchurch City Council, other government departments, and the private sector to do this. International examples of central city redevelopment and rejuvenation show that success depends on several factors; a clear blueprint for redevelopment, strong leadership and coordination, the ability to acquire and consolidate land, effective funding models, and clarity about timing and prioritisation.

"The CCDU has 100 days to deliver an investable Recovery Plan" said Mr Isaacs. "Developing the blueprint is a key first step as this will determine where major community assets and precincts, often

referred to as 'anchor projects', need to be situated."

The blueprint is being developed by a talented team of local and international planners, urban designers and architects in collaboration with CERA staff, secondees from the Christchurch City Council and with input from stakeholders.

Identifying the location of key facilities such as the new convention centre, sports and cultural facilities, as well as strategic city blocks and activity areas will provide confidence and certainty for investors and developers and a starting point for designing and rebuilding a vibrant central city that will be a great place to live, work and play.

In addition to providing a spatial blueprint for the city, the Recovery Plan will provide a regulatory framework for the city's recovery. The statutory powers and functions of the Minister for Canterbury Earthquake Recovery and the Chief Executive of CERA can be used to assist CCDU as a unit within CERA in ensuring the optimal regulatory conditions are in place to speed up recovery.

The people of Christchurch have been presented with a unprecedented opportunity – this is not just about a city rebuild, it is an opportunity to completely rethink the design and functionality of Christchurch's central city.

For more information and updates on the unit's progress visit our website www.ccdugovt.nz

PROGRESS UPDATE

100-Day Countdown to the Christchurch Central Recovery Plan and Blueprint

The work of the CCDU is divided across three teams.

Design and Planning Team

The Design and Planning Team includes the writers, planners, architects, and urban designers who are working on the Recovery Plan. This group's job is to develop the blueprint and scope the anchor projects to be contained within it. They are looking at the "What?" - What should we design and build to make the central city a successful one? What does 'success' look like? What sort of convention centre does Christchurch need? To what standards and size should a metro sports facility be constructed? What kind of public transport system would make Christchurch more 'accessible'?

Volume 1 of the draft Central City Plan will be updated to include the work of the Blueprint team, and Volume 2 will be re-written to ensure the District Plan provisions provide the right framework to enable the Volume 1 vision to be achieved.

Investment Group

The Recovery Plan, incorporating the blueprint, needs to be underpinned by sound economic rationale and an investment strategy. This strategy will catalyse investment and positively influence the pace and ongoing success of the central city's recovery. The Investment Team is developing this strategy to ensure the Recovery Plan is investable, providing certainty and commercially viable conditions for the private sector. They are assessing the options for public sector investments and the relative impacts of those investments on the community and the business sector. The CCDU's Investment Team is developing linkages and partnerships within Canterbury, New Zealand and international private sector business and investment communities to ensure the development of Christchurch Central is supported by high-quality private investment.

Service Delivery Group

This group is working alongside the Design and Planning team to ensure that as soon as the "what" is decided and is announced by the Minister, work can commence soon thereafter. This involves finalising and putting out for tender Requests For Proposals (RFPs) for the first of the anchor projects to go to market and seek out the right people to build and run these facilities.

"The CCDU has an enormous task, and a relatively short time frame to get the first phase underway," said Mr Isaacs. "As we move swiftly through the halfway point to the delivery of the 100-day plan, I am confident the project is well on track to success."

Proposed Avon River Park – Papa Rēhia o Ōtakaroro

Rachel de Lambert from Boffa Miskell talks about the proposed Avon River Park

Papa Rēhia o Ōtakaroro is Christchurch's waterfront; a subtle, natural amenity that contrasts with the imposed city grid to establish the city's identity. Since the times of Ngai Tahu the river has been a commercial vein; a place of trade, transport and dwelling; there are rich heritage and cultural threads to draw into the design of Papa Rēhia o Ōtakaroro

The 'river park', Papa Rēhia o Ōtakaroro, has been identified as one of the 100 day blueprint anchor projects critical to giving certainty and direction to the regeneration of the central city.

The section of the river that traverses the central city will support an urban character and amenity to complement the city heart. The Boffa Miskell led Blueprint team is keen to see the juxtaposition between nature and urban emphasised and distilled to enhance the presence of the river in the city and to make it a well used daily resource for residents, workers and visitors.

The concept for Papa Rēhia o Ōtakaroro is for a duality of character the true left bank more verdant, naturalistic and treed; the true right, which enjoys a warmer desirable aspect, incorporating places that are more urban and contemporary to draw people to the river and hold them as part of the city's life, across the day and over the seasons.

Places, spaces and connections

The built environment is about places, spaces and connections: the environment where we live, work, play and do business. It includes the land, the public and private buildings above and the infrastructure below. The rebuild of Greater Christchurch provides the opportunity to create an inspiring, productive and integrated region that incorporates the best of design and technology with a distinctly Canterbury feel.

The Built Environment Recovery Programme aims to help ensure coordinated and timely repair and recovery, while looking for opportunities to improve Christchurch's urban environment. Our goal is to rebuild greater Christchurch even better than before.

The Built Environment Recovery Programme covers:

Integration - to ensure all aspects of the rebuild work towards making a city people want to live in.

Land and Land Use - making sure there is sufficient land in the Christchurch City, Selwyn and Waimakariri areas zoned for houses, businesses and infrastructure.

Rebuilding - this programme includes the repair and rebuild of residential houses, community facilities, public and commercial buildings underpinning the recovery of communities across greater Christchurch.

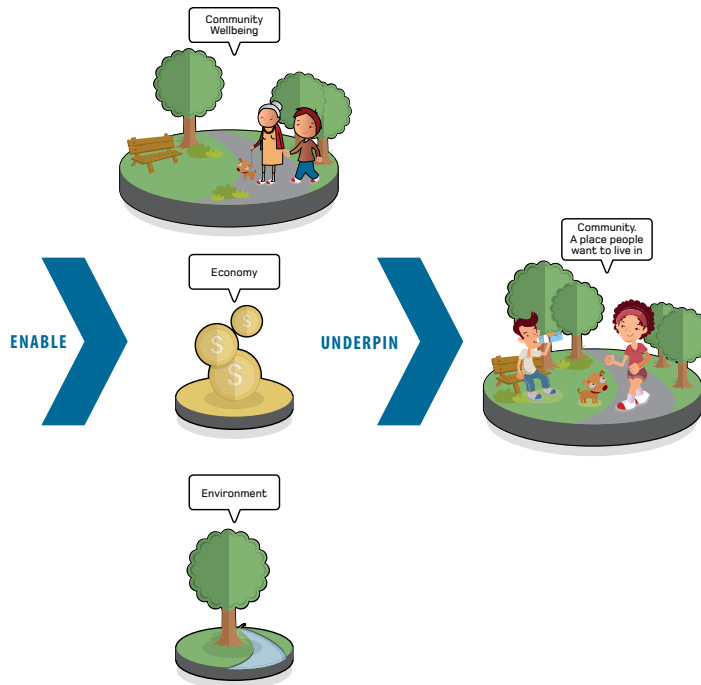
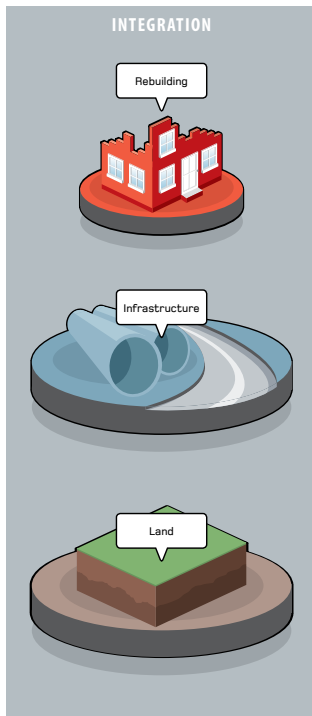
Infrastructure - roads, drinking water supply, storm and waste water systems as well as telecommunications and power supply networks suffered extensive damage in the earthquakes. We need to rebuild the damaged infrastructure while coordinating with the works programmes being undertaken by

local authorities, telecommunications and power supply companies and the New Zealand Transport Agency. We are also working with all of the network owners to minimise disruption to residents during the rebuild.

CERA is governing and directing the Built Environment Recovery Programme, together with its partners Christchurch City Council and the New Zealand Transport Agency, the Stronger Christchurch Infrastructure Rebuild Team (SCIRT). SCIRT is an alliance which includes the contractors responsible for rebuilding the horizontal infrastructure such as roads and water and wastewater pipes.

We are learning more every day about what has happened to the region's buildings and networks and what the phases of the rebuilding and recovery will look like. Look for regular updates in this newsletter over the coming months.

The Built Environment



Fibre broadband available to first Christchurch homes in July

Local fibre company, Enable has been busy building Christchurch's new ultra-fast broadband network since November 2011 and is preparing to launch residential services to the first suburbs in July.

Enable is a partnership between the Government agency Crown Fibre Holdings Limited and Christchurch City owned Enable Services Limited, and is playing a major role in the Government's ultra-fast broadband initiative. When the network build is complete, Enable's fibre broadband will be available to 180,000 homes and commercial premises across Christchurch, and in key Waimakariri and Selwyn District centres.

Today Enable's network can deliver fibre-based services to 7,000 Christchurch business premises. In February, Enable launched a new range of fibre broadband services available over its network that significantly

reduce costs for existing fibre users and allow more local companies to connect.

July will mark the next major milestone in this massive infrastructure project - with the launch of wholesale fibre broadband services to 4,300 homes and businesses in Halswell. This will be followed quickly by a launch to over 3,000 properties in the Bishopdale/Papanui area.

Businesses and families in these areas will be able to access much faster, better quality broadband and smarter telephone services from a range of telecommunications providers. But this is just the start, with exciting new fibre-based services such as IPTV expected to be available soon.

What's more; these broadband services (with speeds

starting at 30Mbps download and 10Mbps upload) will cost about the same as copper services available today.

Enable's ultra-fast broadband network will become the region's most important telecommunications infrastructure asset. It will replace the current copper network and deliver all telecommunications services - plus exciting new services - to Christchurch homes and businesses for at least the next 50 years. ♻️



ENABLE
Phone: 0800 4 FIBRE (0800 434 273)
Web: www.enable.net.nz



Big pipe project snakes way through Bromley, Linwood and Woolston

One of Stronger Christchurch Infrastructure Rebuild Team's biggest wastewater pipeline replacements started in March in Bromley's Linfield Park, close to its destination, the Wastewater Treatment Plant.

Over the coming months the new pipeline, officially called Pressure Main 11, will wind its way backwards past Bromley Park, Eastgate Shopping Centre and Aldwins Road to a repaired pump station in Randolph Street, Woolston.

This is a key strategic route for about 30% of the city's wastewater – all the liquid waste from your washing machine, kitchen sink, bathroom and toilets. Currently the line is operating at half its normal capacity and is fragile so it needs to be upgraded as quickly as possible.

Many people will be affected by this project over the next ten months, with at least three work sites active at any one time along its 3.6 kilometre length. Downer Construction, part of SCIRT, is the contractor for the project.

Road cones track traffic management

Each work project which affects a road or street will have one or more traffic management plans. SCIRT traffic engineers audit these plans to ensure everything that can be done will be done to reduce disruption for residents, businesses and road users and increase safety. SCIRT has audited more than 800 plans to date.

What is a traffic management plan?

SCIRT constructors and designers work together from early in the planning process to decide the best way to do the work, balancing its impact on people's lives with the most cost-effective, resilient infrastructure. Before work begins, we design and put in place traffic management plans. Safety is our number one priority, but we also need to minimise effects on businesses and people.

The Bromley to Woolston pipeline's traffic management will address a number of issues, including:

- Changes to bus routes and stops—we advise Environment Canterbury/ Metroinfo and information is provided at bus stops and on www.metroinfo.co.nz
- Disruption for commuters—electronic message boards and signs will advise road users in advance.
- Impacts for cyclists—reducing speed limits and a separate cycle lane on Buckleys Road.
- Unavoidable areas of congestion, especially around Eastgate Shopping

SCIRT

Stronger Christchurch Infrastructure Rebuild Team (SCIRT) is responsible for rebuilding horizontal infrastructure in Christchurch following the earthquakes of 2010 and 2011. SCIRT is made up of local people from many organisations.

Centre. While the pipeline is being replaced on Aldwins and Buckleys Road, traffic will be reduced to a single lane in each direction. Be prepared for a slower journey through this stretch of town from July to September.

Future-proofing as we go

A key role for SCIRT is to provide security and confidence in the future of Christchurch through resilient infrastructure. For this project:

- Two of the three wastewater pipes which together used to service this route will be replaced with one 1.2 metre diameter, fibreglass, reinforced pipe, increasing durability for seismic events.
- The new pipe will be laid separately from the remaining, undamaged, 1.2 diameter pipe, reducing risk from any future land movements.
- The project has also provided the opportunity to alter the old pipeline's route so it can be aligned with other underground services, which is more efficient for any future maintenance.

Parks matter

Cuthberts Green and Linfield Parks are important parts of the eastern outdoor environment. To minimise the effect of construction, work started before the winter sports season in these places. Work sites were well fenced. The route was also tweaked to minimise the need to remove trees in parks and allow sports to continue largely unaffected.

How can I help?

- Keep supporting your local businesses wherever possible.
- Plan journeys ahead and allow extra time.
- See www.transportforchch.govt.nz for tips and road maps showing slower roads.
- Take extra care around road workers, stick to the speed limit.
- Try a different way to get to work - catch a bus, carpool, cycle, walk.

- If you are cycling or walking, wear a high-visibility vest, and check your bike lights.

How to learn more about this project and others:

- Keep an eye out for works notices and newsletters in your letterbox.
- Visit www.strongerchristchurch.govt.nz, search on a street name or Pressure Main 11.
- Email PM11@downer.co.nz for this project or other SCIRT work info@strongerchch.co.nz
- Downer hotline **0800 400 310**, SCIRT Call Centre (other projects) **941 8999**.
- In your community you will see SCIRT signs and information in places like Eastgate Shopping Centre. As the construction of the pipeline moves through particular sites, like Bromley Park, SCIRT will host community site tours. ♻️



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

Strong interest in seminar on impact of earthquakes on local waterways



Environment Canterbury staff member installing a dissolved oxygen probe in the Heathcote River at Ferrymead.

Around 120 people attended a free public seminar in Lincoln recently on the impact of the Canterbury earthquakes on local rivers and the estuary.

Presenters shared information on studies carried out by a range of consultants as well as staff from Crown Research Institutes, the University of Canterbury, Lincoln University, Environment Canterbury, and Christchurch City Council.

The studies were carried out to enable informed decisions to be made on important issues such as recreational water use, river bank stabilisation, and restoring flows.

These studies have shown the character of many of Christchurch's waterways changed following the 4 September 2010 and 22 February 2011 earthquakes and subsequent aftershocks.

Following the February earthquake large volumes of untreated wastewater were discharged in to the lower Avon River/ Ōtakaro, the Heathcote River/Ōpāwaho, the Avon-Heathcote Estuary/Ihutai, and the sea. The discharges affected the water chemistry, which in turn affected the local ecology including vegetation, fish, invertebrates and micro-organisms.

River bed levels also changed, river banks collapsed, and there were significant changes to the bed of the Avon-Heathcote Estuary/Ihutai.

The seminar concluded with CCC, Environment Canterbury and SCIRT outlining the activities planned to restore vital wastewater systems and improve the quality of local waterways.

As well as repairing and replacing 'horizontal infrastructure' (water and wastewater pipes and roads), the initiatives include removal of sediment from rivers. Christchurch City Council has been focussing on removing sediment from areas where flow has been affected (flooding is a potential risk with winter coming on).

All waterways are generally back to normal quality, and there have been no recorded discharges of sewage into the rivers since the beginning of the year.

It is advised, however, that contact with waterways is avoided for 48 hours after heavy rainfall due to the risk of contamination.



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

Halswell drainage

Significant work on the drains and waterways in the Halswell drainage district means they are on track to restoring pre-earthquake capacity. The worst affected areas and those providing the largest benefit to the scheme were focused on first.

Liquefied sand affected approximately two kilometres of the 114-kilometre drainage network in September 2010, with less damage from the February, June and December 2011 quakes. The sand was quickly removed by Environment Canterbury contractors following each of the quakes.

Engineers initially thought a substantial amount of river-widening and bank-stabilising work would be required, but dredging of the river has largely restored normal river levels in most areas.

The more significant effect on the system was liquefied sand and lateral spread affecting 25 kilometres of the 42-kilometre long Halswell River, causing water levels to rise about half a metre in many areas.

Aerial surveying and analysis completed by Environment Canterbury revealed the river's flood capacity to be less affected by lateral spread and the cracked river banks to be less vulnerable than originally thought.

Because of these findings the estimated cost of work required to repair the drainage district is now \$1.35 million, down from \$3.44 million. The Government will meet a proportion of these costs.

Repair work for the 2011/2012 year is now complete, with a second round of river dredging and further minor bank stability work to be completed in the summer of 2012/13.

EQC's TC3 drilling gets underway

In the next six to nine months, EQC will complete geotechnical drilling in Technical Category 3 properties in Christchurch's eastern suburbs before moving west of the city to complete the drilling programme.

The geotechnical assessments are being undertaken on TC3 properties where there is confirmed foundation damage and where specially designed foundation repairs may be required.

Testing won't necessarily be needed on every affected property in order to get adequate information. But enough tests will be done to ensure EQC can settle all claims where foundation designs must meet the recently released Department of Building and Housing guidelines and the building consent requirements of local councils.

EQC's General Manager Customer Services, Bruce Emson, says the TC3 geotechnical investigations are about establishing the ground conditions so the most appropriate foundation requirements can be determined for each property and costs can be confirmed so building claims can be settled.

"TC3 building claims are distinct from the land reports that are being sent out soon. These relate to actual land damage and have no bearing on what's needed to make a satisfactory foundation repair," Mr Emson says.

"Many houses have foundation damage, and yet there is no

damage to the land. The reverse can also be true: the property has damaged land, and yet the building is intact," he says.

The assessment will have two components: on-site drilling and an offsite geotechnical analysis.

Drill rigs are already working in North New Brighton and preparatory work is beginning in Aranui, New Brighton, Parklands, Queenspark and Waimairi Beach.

The drill results will require analysis by a geotechnical engineer in order to establish the best foundation solution for the property. Once analysis is completed, structural engineers may be required to design foundation solutions on a case by case basis.

EQC has already repaired more than 1000 houses in TC3 where there is no foundation damage.

Details of the drilling programme can be found on EQC's website at: <http://canterbury.eqc.govt.nz/news/where-we-are-working>

EQC Assessors will leave calling cards when they visit your property:



EQC Drilling Programme Progress

Areas Completed	Areas in Progress	Next to be assigned in order from top to bottom
Christchurch	Christchurch	Christchurch
Nil - work began on 19 March 2012	North New Brighton	Richmond
	Aranui	Shirley
	New Brighton	
	Parklands	
Waimakariri	Queenspark	Waimakariri
NIL	Waimairi Beach	NIL
Selwyn		Selwyn
NIL	Waimakariri	NIL
	NIL	
	Selwyn	
	NIL	



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

Getting back to school

The next phase of the journey to renew the education network in greater Christchurch in the wake of the Canterbury earthquakes is about to begin.

The many submissions from groups and individuals across the education sector and community generally are now being analysed prior to the adoption of the final Education Renewal Recovery Programme.

This document, along with land, building and demographic information, will inform decision-making around the renewal of the network, which has been significantly impacted by the events of 2010 and 2011.

Many education centres whether they are early childhood centres, schools or tertiary providers were damaged in some way or their rolls affected by the movement of people out of the city.

Around five thousand learners have still not returned to school in greater Christchurch and more than 1500 have changed schools, a further thousand are living in red zones, and more in white zones.

Even without adjustment for the further damage from the December 2011 event, the total cost of repairs and remediation on state and integrated schools could be between \$500 - \$750million over ten years.

Independent schools and tertiary institutions also face huge bills.

While the Ministry of Education has worked with the sector to ensure continued teaching and learning, the earthquakes have quite literally changed the educational landscape in greater Christchurch.

Schools and early childhood centres are no longer necessarily where they are needed.

Inevitably, there will have to be some rationalisation of facilities in areas that have been depopulated and we need to determine how best to provide for the needs of other

areas seeing significant, even dramatic growth, sooner than expected.

Because there is much that is still unknown – around land and population movement – planning for these outcomes is being done in a context that is still changing.

There are some big decisions to make.

Decisions taken today must meet the needs of all the young people of greater Christchurch - their families and whanau, local communities – and for generations to come.

There will be no magic wand and no simple fix.

But by taking the opportunity now to reshape education to engage the full diversity of learners, greater Christchurch can achieve a distinctive set of advantages - social, cultural and economic – and ensure greater prosperity through education.

It is clear from discussions at focus groups and forums in recent weeks, that while appreciating the challenges ahead, the community also sees the earthquakes, albeit devastating, as an opportunity to effect change.

The call has been to seize that opportunity – to try some new things, things that might help the region not only recover, but thrive – and to give priority to solutions that will deliver the greatest benefits for learners.

The draft Education Renewal Recovery Programme was all about how to ensure the future education landscape supports all learners to achieve their fullest potential.

The next step will be around how the changes the community has conveyed, during engagement and consultation they want, are implemented. These decisions will be made by the Ministry of Education and other agencies, including the Tertiary Education Commission and the Canterbury Earthquake Recovery Authority, when all the necessary information relating to land, buildings and demographics is known. 🔄



Top 10 tips to keep warm

Community Energy Action Charitable Trust

1. Stop draughts

It's hard to heat a house where the heat is flying out through the cracks faster than your heater can make the heat. V-seal is suitable for uneven gaps around windows and doors, while door sausages can stop draughts under doors.

2. Keep the house dry

A damp house is harder to heat and can cause health problems. Ventilate and avoid drying clothes inside, and install extractor fans in the bathroom and kitchen.

3. Get good curtains and curtain rails

Generously sized and lined or thermal backed curtains as well as enclosed curtain rails or pelmets help keep the heat in. If you cannot afford good curtains, contact the Curtain Bank for assistance on (03) 379 6959.

4. Use DIY window insulation

DIY window insulation is a clear plastic film taped to your window frame which acts like double glazing but isn't nearly as expensive. Being non-permanent it's ideal for tenants and for properties that may be demolished.

5. Check existing insulation

If you had (emergency) repairs done in the roof, check the insulation. Insulation that has become wet will not insulate properly even after it has dried out.

6. Insulate

If your house is weathertight, you can get it insulated. Most banks offer mortgage top-ups for as little as \$7 a week and subsidies are available for low incomes including landlords with low income tenants. Community Energy Action has subsidies for all incomes with surpluses going to their charitable programmes.

7. Get help to keep warm

A cold house affects your health. Ask Work and Income for assistance with energy bills, ask EQC for emergency repairs on heating or apply for the Red Cross winter heating grant.

8. Heating in a very draughty house

For a very damaged, draughty house radiant heaters such as bar heaters and logburners are best: they heat objects rather than the air.

9. Get efficient heating

There are heating subsidies for all incomes, with higher subsidies for Community Services Card holders. Heat pumps are one of the most efficient heating appliances. Avoid the use of portable gas heaters as they are very expensive to run, will make your house damp and can be dangerous.

10. For more information visit:

- www.cea.co.nz or call the free Energy Advice Service on **0800 388 588**.
- www.healthychristchurch.org.nz
- www.eeca.govt.nz
- www.eqr.co.nz 🔄



Children from Linwood Intermediate take part in the first session of the RDU mobile recording unit.

Shake, Rattle and Record

Independent radio station RDU 98.5 FM lost their broadcast studio in the earthquakes – but that hasn't stopped them spreading the love of music. Now, thanks to the station's collaboration with the Christchurch Methodist Mission and Play It Strange Trust, Christchurch year 7 and 8 students have the opportunity to record their own songs.

The sessions are the latest in a series of musical events the Methodist Mission has sponsored to lift the spirits of young people in the wake of last year's earthquakes. RDU's mobile recording studio is on hand to record students performing at their schools every Thursday until the end of August. The first recording session took place at Linwood Intermediate on the 24th of May.

Play It Strange Christchurch coordinator Jeff Fulton says the mobile studio encourages students to experience live recording and each performer will receive a CD of their performance that they can take home to share with their parents and friends.

"We can record acoustic guitar, a choir or ukulele orchestra, or even a four or five piece rock band. We will also have a hip hop backing track so the students can have a go at rapping or singing over the top of a set of beats."

Jeff says the mobile recording studio itself is an example of the innovative responses Cantabrians have made to the earthquakes.

"RDU lost their broadcast studio at Canterbury University after the earthquakes and responded by building this mobile replacement. It's the perfect way to give students an introduction to the world of live recording." 🔄

UPDATE FROM THE
CHRISTCHURCH CITY COUNCIL

Container City...

Safety first for creative containers and portacombs: shops, cafes and bars.

The conversion of containers and portacombs is an opportunity to create amazing temporary buildings which are also as safe as possible, says Council Resource Consents and Building Policy Manager, Steve McCarthy.

"The building consent process puts safety first by requiring that building standards are met. If people come to us early we'll help them understand what they need to do from the very start to get it right."

Under the Building Act structures such as containers or portacombs, which have been converted to house a temporary business, are defined as buildings.

"Get your first round of ideas going with your designer or architect. The next step is to request a pre-application meeting with our staff."

Mr McCarthy says it is worth considering working with a professional designer or architect who is experienced in this kind of project.

The Building Act and building code set out minimum standards for buildings, including temporary buildings such as converted containers and portacombs. Considerations include secure foundations, fire safety features, access, a sound structure which will last for its intended life, ventilation and sanitation such as toilet facilities being properly connected to wastewater (sewage) systems, are just some of the considerations.

A pre-application meeting will also help owners of existing businesses who want to relocate, find out if they can do so at a particular site. For customers proposing a new business the meeting will explore if they will need a resource consent under the Resource Management Act. This process checks that the proposed business activities would be suitable for an area of the city.

The converted building will also need a Code Compliance Certificate so it can be legally used. Depending on the business that is planned for a temporary building, owners will need to meet the conditions of any relevant legislation and bylaws for the industry such as Health and Liquor licensing for cafes and bars.

For more information or to request a pre-application meeting visit www.ccc.govt.nz/goahead

go ahead...



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Planners Gabi Wolfer (SDC), Justine Ashley (Planit), Cameron Wood (SDC) and David Hattam (SDC) proudly display the New Zealand Planning Institute's Nancy Northcroft Award and two Best Practice awards received recently for work on the Plan Change 7 project.

Selwyn District Council scoops planning awards

A change to the Selwyn District Plan which will free up land for people displaced by the Canterbury earthquakes has scooped the New Zealand Planning Institute 2012 supreme award.

Plan Change 7 is designed to set new district plan rules and guidance for more houses and housing types in Rolleston and Lincoln, with land rezoned for 8800 new households. It took top honours in the "Nancy Northcroft Planning Practice Award" and won a Best Practice Award, as did Selwyn's Commercial Design Guide.

The Best Practice Awards recognise projects in five different planning categories. The Nancy Northcroft Award is the New Zealand Planning Institute's highest award for excellence in planning practice and recognises "outstanding creativity and innovation and the quality of the presentation of the project".

Consultants that assisted Council staff were also acknowledged. Planit Associates shared the Supreme Award and Best Practice Award for Plan Change 7 and Context Urban

Design shared the Best Practice Award for the Commercial Design Guide.

The New Zealand Planning Institute commented that Plan Change 7 "used meaningful consultation and negotiation with affected landowners". The Planning Institute was particularly impressed with the quality of the material and the presentation of Plan Change 7 and commented that the project "is at the forefront of planning practice in New Zealand".

The work on the Commercial Design Guide was described as "groundbreaking, particularly for small towns and suburbs in New Zealand".



SELWYN DISTRICT COUNCIL
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Waimakariri District – progress update

The Waimakariri District Council's Earthquake Recovery Programme is continuing to make progress across the District.

Temporary business accommodation for displaced Rangiora Town Centre businesses is due to be completed soon. Kaiapoi also has its first temporary shop popping up in the Kaiapoi Working Mens' Club carpark and the Council will continue to assess the need for more temporary business accommodation.

In early May the Christchurch Earthquake Appeal Trust approved funding of up to \$200,000 towards the temporary building accommodation projects in Rangiora and Kaiapoi. Funding will be used for public amenities including lighting, walkways, walkway covers, general signage, landscaping and the reinstatement of gardens and surfaces when the temporary accommodation is removed.

As part of the Ten Year Plan deliberations, Waimakariri District Councillors have approved funding for earthquake strengthening and the establishment of a Performing Arts Centre at the Rangiora Town Hall and the re-build and extension of the Kaiapoi Library/Museum complex.

The Kaiapoi Town Centre Integrated Transport Plan is also progressing. The Williams Street Bridge Improvements Project

and the rebuild of the earthquake damaged section of Williams Street north of the Kaiapoi Bridge, including the Charles Street roundabout, has been approved and detailed design work is proceeding.

Contractors have been asked to register their interest in tendering for the construction stage of this project. Council's Kaiapoi Town Centre team is also working with the Kaiapoi Community Board on the development of key features for the town centre including footpath surfacing, street furniture and lighting.

After two inspiring and creative brainstorm sessions, the Kaiapoi Rubble Rousing Team has been formed – a bunch of determined, innovative and eager North Cantabs who are committed to gap filling, greening the rubble and introducing some colour into the hard hit areas of Kaiapoi.

Progress updates are available through the New Foundations website at www.newfoundations.org.nz



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