

Future Christchurch Update

The voice of the Canterbury rebuild

SEPTEMBER 2015

Artworks tell Māori travelling tales

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Stonemason Mark Grzybowski's job is to carefully place the stones forming the grand terraced steps that will link the river to the city. In the background, the Terrace retail, hospitality and office development is taking shape.

Terraces work connecting the city to the river

The first of the grand stone steps that will be the standout feature of the Terraces project on the Ōtākaro/Avon River are now being put in place.

Working under canvas, to protect the new stonework from rain, specialist stonemason Mark Grzybowski uses a spider crane to lift the 160-kilogram stones into place where they are fixed with a special

adhesive. The bespoke stones, which are carved with the stories and history of the Avon River, are the first of several batches to be installed.

The Terraces project will see large terraced steps coming down from Oxford Terrace to the river to create a key social and entertainment space in Christchurch's central city.

You can find out more about the river's unique history and flora and fauna on pages 8 and 9. Or you can find out what's happening in and around the river by attending a free Walk by the River later this month.

Read more on page 6.

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CANTERBURY EARTHQUAKE RECOVERY AUTHORITY

John Ombler
 CERA Acting Chief Executive

As I see more and more construction take place in Christchurch's central city, I feel a sense of privilege to be part of the rebuild of this remarkable city.

The vision that was revealed in the Blueprint Plan over three years ago is becoming a reality.

Both the private and public sectors are embracing the rebuild. A number of private sector construction projects have either been completed recently or are really starting to take shape. Multiple construction projects are underway in the Retail Precinct around Cashel Mall, with plenty more in the pipeline.

The opening of stage two of the Bus Interchange marks the completion of the first Government-led anchor project. You can read more in this

update about the installation of artworks by Ngāi Tahu artists at the Interchange to celebrate our cultural heritage and the travelling narratives of local Māori.

Real progress is also being made with the Justice and Emergency Services Precinct build which is a truly large-scale project. It is great to see construction underway on the Margaret Mahy Family Playground which promises to be a tremendous feature for our children and young people.

The latest Lookbook, which is produced by CERA quarterly, provides a snapshot of progress in terms of the social, economic and built recovery (see page 4). It is encouraging to see we are now 41 per cent of the way through the physical rebuild.

We know the rebuild isn't just about bricks and mortar and as we mark five years since that first powerful earthquake roared into our lives, it can be an emotional time. The Canterbury Support Line (0800 777 846) is available for anyone who is feeling stressed or anxious. To find out more, go to page 7.

Finally, as the spring weather sets in, I encourage you to take a walk or go for a bike ride around Christchurch's ever-evolving central city. Free river walks on World Rivers Day (see page 6) are a great opportunity to hear about the work that's going on, in and around the Ōtākaro/Avon River. ■



CHRISTCHURCH CITY COUNCIL

Dr Karleen Edwards
 Christchurch City Council Chief Executive

It is great to welcome spring and the prospect of warmer days to come. In September our community also remembers the journey and losses of the past five years. It is also a time to look forward at what the future holds.

This issue outlines progress with two Council projects of real importance to local residents – designing a new Sumner Community Facility and Library and reducing the risk of flooding in the Flockton area. What is distinctive about both these projects is that a partnership with residents and feedback from the earliest stages are shaping their success.

I would like to thank the four Sumner representatives on the Joint Working Group that is advising on the new

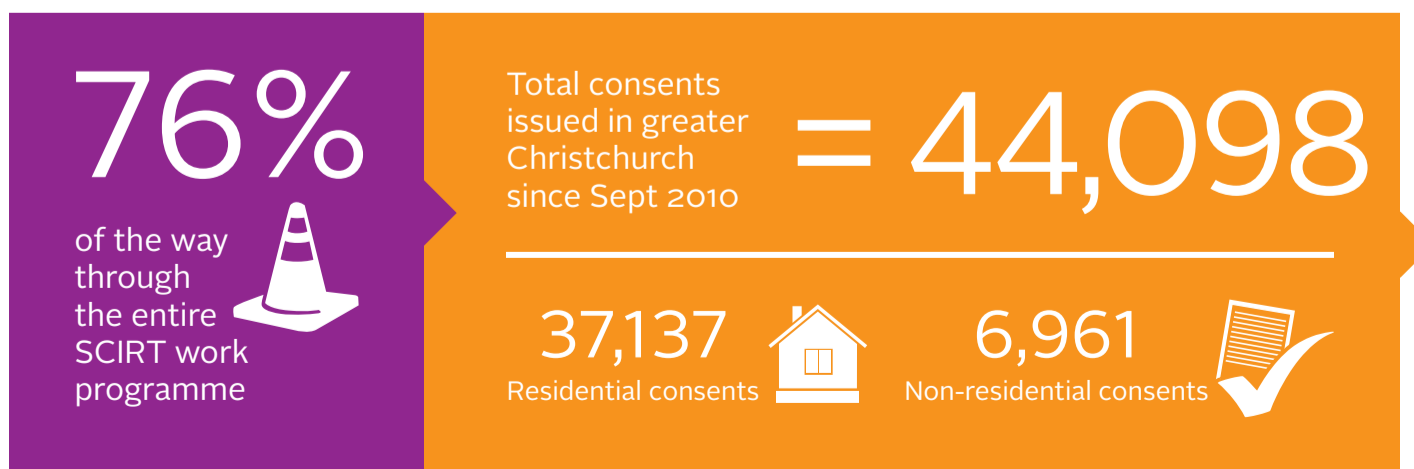
facility's design. It is wonderful to see long-time resident Peter Hansen saying it has been a "rewarding experience". Construction of the new Sumner community centre is due to begin in the middle of next year and be completed in 2017.

August also saw the Council approve a plan for Dudley Creek that will reduce the risk of flooding for at least 585 homes in the Flockton area. The Council asked staff to look at some alternative options for Dudley Creek after Banks Avenue residents expressed concerns about the environmental effects of an earlier plan. The new Stapletons Road route enhances the landscape and improves the creek's ecology.

This is an excellent example of further technical investigation, alongside residents' views, seeing a better outcome for both the Council and the community, and providing local residents with the opportunity to have ownership of and involvement in decisions that affect them and their community. Although the process took slightly longer than first expected, we are still on track to complete the project by winter 2017.

Ngā mihi. ■

Rebuild progress at a glance...



Source: Stronger Christchurch Infrastructure Rebuild Team (SCIRT), Statistics NZ.

Stories of early Māori travellers told through Bus Interchange artworks

The newly opened Bus Interchange celebrates our cultural heritage with integrated artworks by Ngāi Tahu artists.



Important cultural landmarks are signalled by the compass at the Bus Interchange.

“We have been presented with an amazing opportunity to share our histories and traditions that connect our whānau to this land. To see those stories that our Tūpuna passed down through the generations now embedded within the Interchange is truly awe-inspiring.”

Matapopore Trust project lead
Arapata Reuben

The second and final stage of the Bus Interchange has opened, marking the successful completion of the first Crown-led anchor project.

The artworks installed there are inspired by a cultural narrative of Ngāi Tūhaitara/Tūāhuriri migration into Te Waipounamu (the South Island) and the constellations, landmarks and outposts used by these early travellers.

“We have been presented with an amazing opportunity to share our histories and traditions that connect our whānau to this land. To see those stories that our Tūpuna passed down through the generations now embedded within the Interchange is truly awe-inspiring,” says Matapopore Trust project lead Arapata Reuben.

Significant places in the narrative are referenced by a large compass etched into the stone outside the main entrance:

- **Kaiapoi** pā site on the banks of the Rakahuri/Ashley river – the traditional social, political and economic stronghold of Ngāi Tūāhuriri/Ngāi Tahu
- **Whata-a-rama**, Otarama Peak, the mountain teeming with kākāpō and claimed by Taane Tiki
- **Kura Tawhiti**, Mt Torlesse, the mountain claimed by Tūrākautahi
- **Hine-Pāka**, the mighty mataī tree used by birders from Kaiapoi, an important navigation beacon at the foot of Mt Alford
- **Ōpāwaho**, Heathcote River – a major outpost for Ngāi Tūāhuriri

whānau for harvesting ducks and fish before wintering at Kaiapoi

- **Waikāhaki**, near Little River, where the war party Te-Tauā-Tua-Whiri ended their quest for Tūtekawa
- **Te Tai o Maahunui**, the Pegasus coastline, used by travellers and traders between Kaiapoi and the various kāinga/settlements.

High ceilings in the Colombo Street passenger lounge are adorned with constellations that sea-faring navigators used. Another constellation, Te Waka o Tamarereiti, takes the shape of a huge waka, Uruao, the mythical first waka to voyage around Te Waipounamu.

The tree-shaped columns below the constellations are home to birdlife designs, representing the species that

gathered near Hine-Pāka, the great Fowling Tree.

External columns on Colombo Street feature a war party of chiefs led by Tūrākau-tahi into Kā Pākihi-whakatekateka-a-Waitaha (Canterbury Plains). To the south is a column depicting Te Muru, Kaitiaki (Guardian) of the Ōpāwaho (Heathcote River).

Karakia (prayers/blessings) asking for good health, strength, enlightenment and safe travels are near each of the five entrances.

Interpretation panels telling the story of each art piece appear throughout the Interchange. For more information, go to: ccdu.govt.nz/projects-and-precincts/bus-interchange ■

Meet the rebuild workers



Shaw Ritson

Site traffic management supervisor for ITS Downer

Where are you from?

Southwest England, near Bath. I came to Christchurch on a holiday, started off as a lollipop man for a month and got a full-time contract. I've been here for over three years now.

What made you want to be part of the rebuild?

I have more opportunities here in New Zealand than I do back home. That's the main reason – I can make a good life here.

What excites you most about future Christchurch?

I like my job. I like working with the road cones and the signage; it's quite interesting. It's not busy, it's not quiet; it's the perfect medium.

What challenges you?

I wish there was more to do sport-wise. I can't wait for the Metro Sports Facility to open up in the city. I am waiting for more outdoorsy stuff to come along. A bit more nightlife would be nice.

Taking a 'look' at where we're at

A range of indicators are showing positive progress and momentum in the recovery.

The Canterbury Earthquake Recovery Lookbook is produced quarterly and brings together key data from a range of agencies. It provides a view of the recovery's progress across the social, economic and built recovery themes in CERA's Recovery Strategy. The latest Lookbook, which reports data to 31 March 2015, is now available.

Key markers of physical progress

Earthquake recovery construction is an estimated 41 per cent* complete:

- residential construction – an estimated 52 per cent complete
- non-residential construction – an estimated 27 per cent complete
- civil construction (repairs to infrastructure like roads and bridges) – an estimated 46 per cent complete.

More than one-third of public sector rebuild projects are underway or completed.

Canterbury's economy continues to gather momentum:

- The region posted strong economic growth for the year ended March 2015, with estimated Canterbury real gross domestic product (GDP) having increased by 3.1 per cent.

- Canterbury's unemployment rate is notably low at just 3.1 per cent.
- For March 2015, youth unemployment was 9.9 per cent, compared with 16.6 per cent nationally.
- For the quarter ended March 2015, 44 building consents totalling \$137 million were issued for the central city.

Social and community wellbeing

There are many positive signs of social recovery, with the majority of residents reporting a high overall quality of life. However, for some, multiple stressors and compounding pressures remain, particularly for people with pre-existing vulnerabilities, those living in a damaged environment or temporary accommodation and low-income households. An increase in strained relationships is evident in a rise in dwelling assaults (including family violence).

To find out more, go to: cera.govt.nz and search under **Lookbook**. ■

** Based on recovery construction costs estimated at a total of \$33 billion, and data from a range of sources including Statistics New Zealand.*

Unique features for new Christchurch swimming pool

One of the main features of the Metro Sports Facility, to be built in central Christchurch, will be a pool that can be adjusted in length and depth. This news emerged with the recent release of many eye-catching details about the anchor project.

The 79-metre swimming pool will be truly unique. Its two moveable bulkheads will allow several very different activities to take place in the pool at the same time.

For example, a bulkhead could be moved to create a 50-metre Olympic/World Championship length competition space, with the warm-up pool alongside.

In another scenario, the two bulkheads or barrages could be moved to create three different pool spaces: in one, a group of schoolchildren might be having swimming lessons; in the second, a fitness class might be underway; and in the third, a team could be practising water polo.

The depth of the pool will also be adjustable in places. The moveable

floor will allow for a range of activities from high-performance sport such as diving, to community swimming or a fun water-play event such as a 'beach party'.

What else will you find there?

The Metro Sports Facility will cater for the whole community with outdoor hot pools and a separate 1,500-square-metre leisure/fun water area with two hydrosides and water play features. It will also offer nine indoor playing courts, and studio spaces for dance and other activities, along with weight training, group fitness and sports administration facilities.

To find out more, go to: ccdu.govt.nz/projects-and-precincts/metro-sports-facility ■



The Metro Sports Facility will cater for recreational and competitive swimmers.

THE TREMENDOUS TATTY PATCHWORK COMPETITION

'Gather and glean, gather and glean!'
It's time to get arty and crafty, sticky and stitchy!

The Margaret Mahy Family Playground is opening soon and we need your help! Design a Canterbury-inspired tatty patch and help create a GINORMOUS, TREMENDOUS, tatty patchwork for the Playground.

Get your entry form today from a library or service centre or download one from futurechristchurch.co.nz. Terms and conditions apply, open to Canterbury children in school years 1 – 8. **Entries close 14 October 2015.**

*From *The Tatty Patchwork Rubbish Dump Dancers*, Margaret Mahy pub. London: Methuen Children's, 1984, c1982.



MARGARET MAHY
Family Playground
 TĀKARO Ā POI

New Sumner Community Facility and Library another step closer

Long-term Sumner resident Peter Hansen has enjoyed contributing to the initial design of the new Sumner Community Facility and Library.



Sumner resident Peter Hansen enjoyed being part of a Joint Working Group for the new Sumner Community and Library Facility.

Mr Hansen is one of four Sumner residents who are part of a Joint Working Group set up by the Hagley/Ferrymead Community Board. The Group's job is to provide recommendations, guidance and advice to the Christchurch City Council project team to ensure that the design of the new facility on Wakefield Avenue meets the needs of the community. The other resident members are Max Capocaccia, Colette Doughty and Humphrey Archer.

"It's been an extremely rewarding experience. I think there is a cynicism about Council consultation – that it's just lip service – but from my experience, it has not been like that all. It was a really good process because we could be up front and honest about the process with each other [the other residents] and Council staff," says Mr Hansen, who is also a member of the Sumner Community Residents' Association.

The concept design, which is the first part of the design process and sets out a proposed floor plan for the new facility, was tweaked following input from the Joint Working Group and a workshop held with the wider community held in November last year.

The current concept design sets out a proposed floor plan for the new facility. In this design, the library, accessible parking, community office, museum display area and pocket park

would be on the ground floor, with the rest of the community functions, hall, kitchen and museum space on the first floor.

Now the Council is moving to the 'developed and detailed design' stage. Christchurch project management firm The Building Intelligence Group was last month awarded the contract to progress the developed and detailed design, for which it will partner with Athfield Architects Limited. It will also see the project through to the end of construction. The Joint Working Group will continue to have input into the design as the project progresses.

The Building Intelligence Group and Athfield Architects Limited have worked individually or collaboratively on a number of well-known local projects, including the Cave Rock Apartments, the refurbishment of Eastgate Mall, the former Tuam Street Library and St Margaret's College Gym/Chapel. They also worked on the new award-winning Devonport Library on Auckland's North Shore.

It is expected construction of the new facility will begin in mid 2016 and be completed in 2017.

Mr Hansen says the new facility can't come soon enough as Sumner residents have been without a permanent library and community centre since those facilities were

demolished on the Wakefield Avenue site after the earthquakes.

"I think people will be really excited about the new facility. We are a highly literate community and people love their library. It's important for social contact and is an anchor building for the village. The new facility will help with the cohesion of the village and help to bring businesses back into the area," he says.

Other facilities news

- A project team has been appointed to undertake the concept design for the new **Eastern Recreation and Sport Centre** at QEII Park. Warren and Mahoney, Powell Fenwick, Holmes Consulting and Tonkin and Taylor make up the multidisciplinary team chosen to progress the concept design, which is the first phase of the design process and is expected to be completed in March next year. Construction of the new facility is expected to begin in late 2016 and to be completed in 2018.

- Riccarton Community Centre** is being rebuilt. Consultation took place in various Riccarton locations from 12 to 22 August and anyone who lives, works, plays or learns in Riccarton was invited to these 'Inspiration Stations' to have their say. The collated information will go to the architect to help with the design of the new centre.

- Planning work is well advanced on the repair, strengthening and refurbishment of the **Lyttelton Board Room**, Canterbury Street, and **Lyttelton Library** in London Street, which will include a service centre desk. Soon the community will be able to see the designs for the refurbished buildings.

- Repair work is continuing on the **Lyttelton Recreation Centre** in Winchester Street. It is expected to be completed by the end of 2016, allowing the facility to re-open to the public.

For more information, visit futurechristchurch.co.nz ■

"It's been an extremely rewarding experience. I think there is a cynicism about Council consultation – that it's just lip service – but from my experience, it has not been like that all."

Mr Hansen
Sumner resident

101 Youth Spaces and Neat Places for young people in Christchurch

A collaboration between young people, the Strengthening the Youth Sector Project and Neat Places has resulted in the pocket-guide titled '101 Youth Spaces and Neat Places'.

This information-packed map is all about young people telling other young people about the great places available to them here in Christchurch.

The CERA Youth Wellbeing Survey 2013 identified that 73 per cent of young people had experienced a loss of social and cultural venues as a result of the earthquakes. In response, over 300 young people from around Christchurch were surveyed and asked what places and spaces they liked to go to. A Youth Design Team was formed, comprised of Sarah Moana Wooff-Smyth, Jay Shields and Jessica Robertson-Wright, and they worked closely with Neat Places to create the guide.

The pocket-guide debuted in August at a Youth Snow Party in Cathedral Square, which celebrated the launch of bounce.org.nz. Bounce is a New Zealand Red Cross project that partners with young people to share tips and inspiration on how to live life well.

"Christchurch is an ever-evolving city with new things popping up all over. It's a city you can explore countless times and still find new things to see and do," says Youth Design Team member Jay Shields.

The Strengthening the Youth Sector Project is a post-earthquake collaboration of the greater Christchurch youth sector and local and central government. The pocket-



Left to right: Bounce volunteer Sophie Peterson, youth worker Angelina McLean, Youth Design Team member Jessica Robertson-Wright.

guide is only one of many projects happening under this collaboration.

For more information on this map or the Strengthening the Youth Sector Project, check out sys.org.nz



WALK BY THE RIVER



Christchurch to celebrate World Rivers Day

People in greater Christchurch will be among millions in more than 60 countries to celebrate World Rivers Day on Sunday 27 September.

The day highlights the value of our rivers and encourages people to improve their stewardship of all rivers around the world.

In celebration of the Ōtākaro/Avon River, CERA's Christchurch Central Development Unit (CCDU) will be joining with the Breeze Walking Festival to host walks along the river on World Rivers Day. The free Walk by the River family-friendly guided walks leave from Victoria Square on the hour every hour between 10am and 1pm.

The Future Christchurch Visionarium will be at Victoria Square on 27 September and people will be able to view plans for Victoria Square's restoration.

You can find out more about the Ōtākaro/Avon River's rich history and unique flora and fauna on pages 8 and 9 of this issue.

The river is already showing the benefits of restoration and revitalisation works as part of Te Papa Ōtākaro/Avon River Precinct anchor project.

The Breeze Walking Festival (26 September-10 October) will also take in areas of the Port Hills, and Waimakariri and Selwyn districts, including coastlines, forests, ridgelines, river ways, wetlands, gardens and city streets.

To find out more, go to: walkingfestival.co.nz



Portable Visionarium telling the story of the Canterbury rebuild

Over 43,000 people have visited the Future Christchurch Visionarium so far, and the portable information hub will continue to be a feature around Christchurch.



Although the Future Christchurch Showcase recently closed its doors at Re:START Mall, the relocatable Visionarium is still operating, giving visitors a chance to learn about the evolving story of the rebuild. Using cutting-edge technology, the converted shipping container features 230-inch screens that run the Liquid Galaxy program. That gives viewers detailed aerial views of the city, integrated with 3D modelling of the Government's Blueprint Plan.

In recent times, the Visionarium has been set up in communities to collect feedback on the Residential Red Zone Offer Recovery Plan and the Draft

Transition Recovery Plan. It has also featured at events such as the ICC Cricket World Cup 2015, Te Matatini and the World Buskers Festival.

At the moment, you'll find the innovative multimedia container on Worcester Boulevard for the Christchurch Arts Festival. Next, it will be at Victoria Square from 22 to 30 September. In the coming months, the Visionarium will travel to Barrington Mall, the Canterbury A&P Show, Canterbury Museum and Cathedral Square. It will arrive at the Margaret Mahy Family Playground in late December for the playground's planned opening.

Between them, the Showcase and Visionarium have hosted around 113,000 guests from Canterbury and around the world over the past year.

To find out where you can visit the Future Christchurch Visionarium, go to: facebook.com/futurechristchurch

Support line there for Cantabrians in need

The most recent CERA Wellbeing Survey shows that while some people feel they are recovering from the earthquakes, others are experiencing ongoing stress and anxiety.

An important starting point for people who are feeling stressed, upset or in need of support as a result of the earthquakes is the Canterbury Support Line (0800 777 846).

The Canterbury Support Line was set up after the earthquakes and continues to provide an important service for people in need. Call centre operators have access to information about a wide range of support services. They can work with the caller to identify the services or support that can help them.

The helpline is confidential, but if callers wish to provide contact details, they will get a follow-up call within 48 hours (outside of weekends). This is where Canterbury Support Line Coordinators Sandy Jenkins and Jill Ashton come in.

Based in Christchurch, they can discuss people's situation with them and, where appropriate, refer them to a support service such as the Residential Advisory Service, Earthquake Support Coordination Service or Community Energy Action. The Elder Care Support service is available for older people grappling with a range of issues.

Sandy Jenkins is herself a social worker and Earthquake Support Coordinator. She says a lot of the time people just aren't aware of the support that is available.

“My role is to help connect people with the right service – a kind of triage if you like.”

Sandy Jenkins
Canterbury Support Line
Coordinator

“My role is to help connect people with the right service – a kind of triage if you like. I have seen first-hand how many people have benefited from just making that first call. Now, five years on from the September 2010 earthquake, people are still coming out of the woodwork. We know there are people out there living in quake-damaged homes, working through the cash settlement process or multi-unit issues and our focus is to try to make sure they get the support they need.”

The Canterbury Support Line can also connect callers to free counselling services. Until recently, the service was operated by Relationships Aotearoa. It is now managed by Mental Health Education and Resource Centre, which has access to the same pool of counsellors and has endeavoured to provide a continuous service to those in need.



Sandy Jenkins says sometimes people just need someone to walk the journey with them and support is available.

The Canterbury Support Line is one of a range of programmes and projects to support people's emotional recovery from the quakes. Many come under the umbrella of the Community in Mind programme, including the All Right? campaign,

Residential Advisory Service, Earthquake Support Coordination Service and projects designed to foster a sense of community such as Summer of Fun, Neighbourhood Week and Knowing Your Neighbour is a Piece of Cake. ■

Needing to rebuild or relocate?

Our Earthquake Support Coordinators can help you plan your recovery and connect you to the services you need including:

- › Accommodation
- › Financial advice
- › Legal and insurance help
- › Health
- › Employment and retraining
- › Child care

Call 0800 777 846 to request an Earthquake Support Coordinator – the service is free and confidential.

Need help to find help?



Canterbury Support Line

Call now >> **0800 777 846**
9am–11pm 7 days

inthe know

hub
Residential repair and
rebuild information

In the Know Hub offers ongoing support

An important source of information and support is remaining open to help people with their earthquake repair or rebuild issues.

Almost 3,400 people have already visited the In the Know Hub at Eastgate Shopping Centre, clear testimony to the value of talking face to face with people who are 'in the know'. The community-led initiative, which began in April, provides people with direct access to rebuild and support agencies, community advocacy groups and Earthquake Commission community contact staff. Although scheduled to close at the end of August, a decision has been made for the Hub to continue to operate.

The Hub is open Monday to Wednesday 9am – 6pm and Thursday 9am – 8pm.

Seminars have been held at the Hub on topics such as understanding cash settlement offers, multi-unit buildings and increased flooding vulnerability. Videos of these seminars can be watched on the **intheknow** website.

To find out more and to check what times each agency will be at the Hub, call **0800 777 HUB (0800 777 482)** or visit: **intheknow.org.nz**

Explore the Ōtākaro/ Avon River!

The Ōtākaro/Avon River is rich in history and home to some interesting and unique creatures. Come and take a closer look.



12



**AVON RIVER
PRECINCT**
TE PAPA
ŌTĀKARO

History



John Deans named 'The Avon River' in 1848, after the Scottish Avon in the Ayrshire hills near his grandfather's farm. The Ngāi Tahu name Ōtākaro comes from the tipuna (ancestor) Tākaro. The name was officially changed to Avon River Ōtākaro by the Ngāi Tahu Claims Settlement Act 1998.

- A** Prior to European settlement there were numerous Ngāi Tahu settlements within the greater Christchurch area. Most Ngāi Tahu were seasonal visitors to Ōtākaro, gathering fish and birds to preserve for the winter months.
- B** Around 1850 large numbers of European settlers began to arrive in Canterbury. Their luggage and supplies travelled by boat from Lyttelton to the Avon-Heathcote Estuary/Te Ihutai and up the Avon River Ōtākaro to The Bricks Wharf in Christchurch city.
- C** A stone and brick memorial marks the site of The Bricks Wharf.
- D** The Barbadoes Street cemetery, opened in 1851, is the final resting place of many early Christchurch citizens.
- E** The Land Office was built in 1851 by the Worcester Street Bridge.
- F** Inwood's Flour Mill was built at the Hereford Bridge in 1858.
- G** The original Town Hall opened in 1857 on High Street.



Ecology

The river and its tributaries are home to a number of fish species:

- 1 Three different species of bully upland, common and bluegill
- 2 Whitebait (Inanga)
- 3 Lamprey (Piharau)
- 4 Brown trout
- 5 Yellow eyed mullet
- 6 Longfin and shortfin eels (Tuna)



Native plants growing on the river banks include:

- 7 Bulrush (Raupō)
- 8 Flax (Harakeke)

Birds on the river include:

- 9 Paradise shelduck (Pūtakitaki)
- 10 Black-billed gull (Tarāpuka)
- 11 New Zealand scaup (Pāpango)
- 12 Native wood pigeon (Kererū)

Partners:



New Zealand Government

The Land Drainage Recovery Programme

The Land Drainage Recovery Programme is one of the ways the Christchurch City Council is addressing the issue of flooding.

Set up by the Council in 2012, the programme is looking at ways to reduce the risk of flooding in the city's most affected areas and to restore flood risk to pre-earthquake levels.

Initial area-by-area investigations are underway. This is where the Council runs desktop studies and modelling to build a comprehensive picture of flooding and associated opportunities and challenges across the city.

Teams are out on the streets and along waterways looking at things like water flow, culverts, bridges and plantings. All this work will be overlaid with information the Council already holds about properties and neighbourhoods, and ongoing updates from residents.

Work on Dudley Creek is included in this programme. ■



Work is underway to upgrade the Shirley Road stormwater culvert – part of the Dudley Creek upstream work to ensure floodwaters can be quickly taken away from the Flockton area.

Green light for Dudley Creek flood remediation

The Stapletons Road route recently chosen by Christchurch City Council for Dudley Creek flood remediation will reduce the risk of flooding in the Flockton area and benefit at least 585 homes.

Detailed design work is underway for the bypass, with on-site work due to start early in 2016 and be completed by winter 2017.

General Manager Infrastructure Rebuild John Mackie says, "This chosen route aligns with the things people told us were important – the impact on residents, the environment and reducing the flood risk in the Flockton area.

"The Stapletons Road option has the added advantage of enhancing the landscape longer term, with a better overall quality of trees, and improved walkways and access to the waterway. Improving the ecology of the creek along Stapletons Road will also provide a healthier habitat for fish and invertebrates."

For more information, visit: ccc.govt.nz/floodmitigation ■

"The Council is confident any extra floodwater from the Flockton area will have little effect on the overall water levels of the Avon River."

John Mackie
General Manager Infrastructure Rebuild



Have your say on freedom camping

A proposed new Christchurch City Council bylaw designed to deal with freedom camping is open for public consultation until 21 September.

The proposed bylaw details areas where freedom camping would be prohibited, or restricted, available for limited periods of time, and areas where there are no restrictions.

Council libraries, service centres, the Civic Offices and online.

ccc.govt.nz/haveyoursay ■

Consultation booklets including the full proposed bylaw, maps and submissions forms are available at all



Robyn Wells and daughter Rebecca Morrison take a first ride along the new cycleway along Matai Street East past Christchurch Girls' High School and connecting into Hagley Park.

New cycleway set to attract new riders

Cycling advocacy groups are welcoming the opening of a section of new cycleway that will form part of a network of cycleways in Christchurch.

Spokes Canterbury chairman Don Babe paraphrases astronaut Neill Armstrong in describing it as “a small step for traffic in Christchurch, a huge step for transport options”.

Part of the Uni-Cycle route, the cycleway runs along Matai Street East and includes new traffic lights to provide a safe crossing over Deans Avenue.

“It starts to fill in the pieces needed to complete a cycle network in Christchurch. The strategic location of Matai Street East provides a link to the central city for users of the Matai Street west separated cycle path and those that use the facility next to the railway line to the north and south of Mona Vale.

“Regular riders and those that may be considering cycling can get a taste of what separated cycleways feel like. The access to Hagley Park by means of a controlled crossing of Deans Avenue provides off-road access to the central city at the Armagh Street entry to the park and the hospital.”

Mr Babe encourages those wanting to give cycling a go to ride the route a couple of times during leisure time before committing to a commute to work, study or whatever event you are attending.

“Do not set high expectations from the beginning. Try cycling once or twice a week. If it feels right and fits your day then you will soon find yourself doing it more often.”

The Matai Street East cycleway was opened by Transport Minister Simon Bridges. When finished in 2017, the Uni-Cycle route is expected to attract about 1,800 users a day.

Improvements to the intersection of Fendalton Road, Harper and Deans avenues as are expected to be completed this month.

The Matai Street East project is funded as part of the Urban Cycleways Programme, comprising shared investment from the Urban Cycleways Fund, the National Land Transport Fund and local councils. This enables key, high-value urban cycling projects to get underway around the country over the next three years, improving cycle safety and supporting more connected cycle networks.

More information:
ccc.govt.nz/cycleways
nzta.govt.nz/UCP ■

More time to submit on coastal issues

People preparing submissions on the coastal aspects of the district plan review have been given more time to deliver their submissions.

The review brings together the Christchurch City Plan and Banks Peninsula District Plan into one district plan.

The chairperson of the Independent Hearings Panel has extended the period for making a submission on coastal hazard provisions of the natural hazard proposal and the coastal environment proposal. Submission on these proposals only can be made until Friday 16 October 2015.

Submissions can be made on the following:

- Coastal Hazard Inundation Management Areas
- Coastal Erosion Management Areas
- Coastal Environment Proposal

Planning Maps which include the “Coastal Zone”, the “Coastal Environment” notation, Coastal Erosion Management Areas and Coastal Inundation Management Areas.

Those who have already made a submission on these proposals can:

- Leave their submission as lodged
- Withdraw their original submission and then resubmit at the later date
- Add to a submission that’s already been lodged

Any changes to submissions can be done by emailing dpreview@ccc.govt.nz

The Council will be holding more drop-in sessions and details of these sessions are on the website.

Submissions on other proposals are closed. These are available to view and people can make further comments on these from Friday 18 September until Friday 2 October 2015.

The submissions will be online at proposeddistrictplan.ccc.govt.nz and a hard copy (reference only) will be available at Christchurch City Council service centres and libraries. ■

Submissions open for ward boundary review

Christchurch City Council is encouraging residents to comment on proposed changes to ward boundaries and councillor numbers.

As part of its six-yearly review, the Council proposed in August to increase councillor numbers from 13 to 16, and to cut community boards from eight to seven.

The proposed changes aim at giving residents fair and effective representation on the Council, after the earthquakes triggered a large shift of residents away from the eastern areas and towards the west.

In addition, the proposal outlines merging Banks Peninsula ward with parts of Sumner in a new, larger ward called Banks Peninsula-Sumner. It would still have two community boards to reflect the isolation of some communities on Banks Peninsula.

Comments on the proposed changes close at 5pm, Friday 9 October. Submitters can comment online at ccc.govt.nz/repreview

Comments on social media, blogs or online news sites are not regarded as formal comment and cannot be included as official public feedback.



Canterbury prepares for ShakeOut

More than 680,000 New Zealanders have signed up to take part in New Zealand ShakeOut, our national earthquake drill at 9.15am on 15 October 2015.

ShakeOut is an opportunity for Canterbury to lead the way and show

the rest of New Zealand that we take preparedness seriously. It is a good opportunity for businesses to review their emergency plans and for families and households to create, review and practise their household plans.

By signing up on the ShakeOut website, you can get information on the right actions to take before, during and after an earthquake and access a number of resources to improve your preparedness.

shakeout.govt.nz ■

Lyttelton Port Recovery Plan makes progress

The final phase in the development of the Lyttelton Port Recovery Plan is underway after Environment Canterbury commissioners approved the draft Recovery Plan for presentation to the Minister for Canterbury Earthquake Recovery on 13 August.

The draft Recovery Plan sets out how Lyttelton Port will recover from the earthquakes, as well as enabling it to rebuild in a way that will support the recovery of surrounding communities and wider Canterbury. It balances the need for a speedy recovery of the earthquake-damaged Port with the wider recovery needs of the community.

One proposal in the draft Recovery Plan is to provide a more streamlined and certain consenting process for an additional 24 hectares of reclaimed land at Te Awaparahi Bay for a new container terminal. Another is to enable the redevelopment of Dampier Bay, ensuring better public access to the waterfront, while limiting commercial development there so it doesn't compete with Lyttelton's town centre.

There is a commitment from Environment Canterbury, Te Hapū o Ngāti Wheke, Te Rūnanga o Ngāi Tahu, Christchurch City Council and Lyttelton Port Company to work together to develop a management plan to improve the health of Whakaraupō/Lyttelton Harbour and its catchment. A particular focus is on restoring the harbour for mahinga kai.

The development of the draft Recovery Plan included a public submission and hearing process. From 15 to 31 August the public were invited to provide written comment. Now the Minister will consider whether to approve the Recovery Plan or not, with or without changes. It is anticipated the Minister will make a decision at the end of October 2015.

To find out more, go to: ecan.govt.nz/port or cera.govt.nz/lprp ■

Contact details:

🏠 ecan.govt.nz

☎ 03 353 9007



Example of compliant 'jack and pack' with packers fixed to bearers and piles fixed to timber bearers.

Reassurances over foundation repair work

The Earthquake Commission (EQC) is reassuring customers in its Canterbury Home Repair Programme (CHRP) that foundation repair work will be checked, where appropriate, at no expense to the home owner.

This reassurance comes in response to a recent report from the Ministry of Business, Innovation and Employment (MBIE), which covered earthquake repairs that didn't require a building consent.

The MBIE report found that some floor re-levelling and perimeter concrete foundation repairs carried out in the Canterbury rebuild did not meet the Building Code. MBIE described most of the shortcomings as "relatively minor and easy to fix", and said they posed no safety concerns.

The report highlighted issues with the way some floor re-levelling work known as 'jack and pack' was carried out. With 'jack and pack' repairs, a home is temporarily jacked up to allow packing to be inserted between the piles and the under-floor framing, to re-level timber floors.

EQC Chief Executive Ian Simpson says work that doesn't meet the Building Code will be made compliant at no expense to customers.

He says EQC and Fletcher EQR are now auditing 'jack and pack' repairs carried out as part of the CHRP, where floor re-levelling was required across the entire house and required engineering or other specialist technical input.

EQC says it has had an outside engineer review its technical

hub and has implemented their recommendations to tighten up its quality assurance processes.

Affected customers are being contacted by EQC. Anyone wanting to know more can call 0800 DAMAGE (0800 326 243) or go to: eqc.govt.nz

Meanwhile, the Ministry of Business, Innovation and Employment is recommending that all agencies and their Project Management Offices review completed repair work that has been exempted from a building consent, targeting houses with 'jack and pack' repairs.

The 'jack and pack' method is exempted as it is not considered technically difficult, as long as it is adequately supervised.

MBIE General Manager Adrian Regnault says it's not uncommon in boom times to see tradespeople being exposed to work they may not normally do because of the sheer volume. However, MBIE is urging agencies to check their work for compliance and to use experienced or specially trained staff.

MBIE placed training videos on foundation repairs (Jacking up a Foundation, Packing House Piles) on YouTube in March 2014. Workshops have also been held and more are organised for the end of September.

Earlier this year, MBIE announced a range of changes to lift the skills of Licensed Building Practitioners (LBPs). All LBPs will be required to transition to the new scheme from November 2015.

To read the full report, go to: www.mbie.govt.nz/about/whats-happening/news/2015/report-into-canterbury-residential-repairs-released ■

Contact details:

🏠 eqc.govt.nz

☎ 0800 DAMAGE or 0800 326 243



Retaining walls a vertical challenge for horizontal team

The Stronger Christchurch Infrastructure Rebuild Team (SCIRT) is making good progress on essential repairs to the city's many earthquake-damaged retaining walls. While much of SCIRT's work is on the city's pipes, roads and bridges – the 'horizontal infrastructure' – responding to the vertical challenge of fixing retaining walls is another important part of its rebuild programme.

SCIRT has finished more than 60 per cent of the nearly 120 earthquake-damaged retaining walls in its programme. In particular, the hilly slopes of Lyttelton have been a hive of repair and rebuild activity over the past four years, with many of these walls critical to public safety and navigating around the area.

One current Lyttelton wall project being repaired is the pre-1900s wall supporting Sumner Road.

Every retaining wall has its own characteristics and this one was another head scratcher for SCIRT's design and construction teams. The earthquake damage included bulging and cracking, with the footpath slumping and the road at risk of collapsing.

It's a very long way down when you're looking over the top. Down below, the Holcim cement tanks contain Christchurch's main cement supply, an essential resource for the rebuild. Loose rocks and tree material were at risk of falling down.

Access challenge

To fix the wall, SCIRT's Fulton Hogan repair team would be suspended down the side for several months. They needed a safe, stable and efficient way to drill giant nails into extremely difficult ground conditions.

With safety at the forefront, the team considered many options, including abseiling down each day or building scaffolding to work from.

Their innovative solution was to purpose-build a platform to suspend from a crane. The platform



A day in the life of the SCIRT Fulton Hogan team repairing Lyttelton's Sumner Road retaining wall means working from a purpose-built platform suspended over the side by a crane. This essential earthquake repair project includes drilling over 170 holes in the wall to install 8-metre-long engineered reinforcing rods.

is a converted shipping container, which provides a safe and effective work space.

"We included as many people as possible, including WorkSafe, in the design to make sure we could perform the operation safely," says Project Manager Henry Willis.

A crane lowers the platform over the wall each day, enabling the crew to get on with repairing this important wall for the community.

Progressing well

There are many facets to this particular wall repair. Tree material

and loose rocks have been removed with the wall covered in rock mesh. The team is now drilling holes into the wall to install more than 170 'soil nails' – sturdy, 8-metre-long, engineered reinforcing rods made of fibreglass – to stabilise the bank. The final step will be to cover the wall with shotcrete – a special concrete mix that is pressure sprayed as a protective cover.

SCIRT Fulton Hogan would like to thank the Lyttelton community for their support and patience while the teams get on with this important earthquake repair. They're on track to complete this section of the wall by late 2015. ■

Thanks everyone

SCIRT knows it's not easy being held up during your daily commute or having disruption in your neighbourhood. The team would like to say a huge thanks to residents and businesses in areas where it is working for their ongoing patience and support.



The local community joins Councillor Glenn Livingstone (speaking) and Associate Minister for Canterbury Earthquake Recovery Nicky Wagner (left of Cr Livingstone) at the official opening of the new Dallington Bridge.

Reconnecting communities

The official opening of the new Dallington Bridge on Gayhurst Road on 14 August followed 14 months of work by SCIRT's McConnell Dowell team – from demolishing the old earthquake-damaged bridge to building the new one.

The ribbon-cutting was officiated by Associate Minister for Canterbury Earthquake Recovery Hon Nicky Wagner and Christchurch City Councillor Glenn Livingstone.

SCIRT Executive General Manager Ian Campbell says, "This is a real milestone for the community and for Christchurch. Like this bridge, SCIRT's legacy will be a stronger, more resilient infrastructure for Christchurch."

Among the first to cross the new bridge were children from the local Educational Childcare Centre preschool, followed by hundreds of local residents. ■

Contact details:

- 🏠 strongerchristchurch.govt.nz
- ☎ 03 941 8999
- @ info@scirt.co.nz

Historic river town emerging better than ever

Since the devastating Canterbury earthquakes, in particular the quake of 4 September 2010, the historic river town of Kaiapoi has been undergoing unprecedented change.

With a combination of private development projects and Waimakariri District Council street improvements, Kaiapoi is rising from the rubble with a fresh new look.

Many buildings were damaged during the earthquakes, including the iconic Blackwells Department Store and the Council's Library and Service Centre. Both have since been rebuilt and re-opened in November 2013 and February 2015 respectively.

The former BNZ building, a Category 1 Heritage Building, across the Kaiapoi River, was also damaged during the September earthquake. With a new owner, it is undergoing re-leveling and earthquake strengthening.

The many developments are bringing an air of prosperity and confidence to the township, as indicated by the 1,244 new residential building consents issued in Kaiapoi since September 2010. This is more than twice the 527 consents issued in the 10 years before the 2010 earthquake.

To complement Kaiapoi's rapid growth and transformation, the Council is undertaking an extensive town centre upgrade on Williams Street, between Charles Street and Hilton Street. Much of the work was signalled in the Kaiapoi Town Centre plan, adopted by the Council in June 2011, and provides a framework to rebuild, redevelop and revitalise the town centre.

The work, which is being carried out over several stages, continues through to about May next year. The first stage has been completed. Once remaining work is done, the project will provide an improved pedestrian experience, emphasise the Kaiapoi River and define the northern and southern entrances to the town centre.



An extensive town centre upgrade is adding to the momentum of Kaiapoi's rebuild.

Trousselot Park Recreation Precinct, within easy walking distance of the town centre, has also proved an extremely popular recent development, featuring a skate park, half basketball court, young children's play area, youth area, plaza area with seating, and a toilet block. 'Kaiapoi Blue' features in the colour scheme and patterns interpret traditional Māori weaving designs. ■

"The strength and patience of the Kaiapoi community has paid off and now we are really starting to reap the benefits of post-earthquake developments which have been in the pipeline for some time."

Mayor David Ayers

Contact details:

- 🏠 waimakariri.govt.nz
- ☎ 03 311 8900
- @ info@waimakariri.govt.nz



Consultation underway on Rolleston and Lincoln business area changes

Consultation on proposed changes affecting Rolleston and Lincoln is now underway.



An artist's impression of the development of part of Rolleston Reserve to host a playground and shopping area. A new library is also planned on the reserve.

The changes are being progressed as actions under the Land Use Recovery Plan, which shows where residential and business activities will occur in greater Christchurch.

Both Lincoln and Rolleston are expected to grow rapidly. Rolleston's population will grow from around 13,000 now to reach 20,000 in 2030 and Lincoln's population will increase from 5,000 to over 10,000 in the same timeframe.

The proposed changes are designed to allow more shops and businesses to locate in Rolleston and Lincoln by creating key activity areas in the centre of these townships. Key activity centres are focal points for commercial, community and service activities, and as such the proposed changes seek to protect this role by restricting some activities outside these areas.

Within the key activity areas, core retail precincts are identified as the main shopping areas of Lincoln and Rolleston. Large-format retail shops, retail and office space, and commercial activities are proposed for areas on the fringe of central Rolleston. Transitional living areas where residential housing and some compatible commercial activities would be allowed are identified for both Rolleston and Lincoln.

Another proposal is for the development of the northeastern corner of Rolleston Reserve. This area would host a mix of shops, community facilities and open space, which would encourage people to visit this area for business, recreation, shopping and relaxation. A community pavilion, town square, playground and youth park, pedestrian and cycle path, water feature, car park and new tree-lined paths are part of the plans for the park in the future. East of the Rolleston town centre, Foster Recreation Park is also currently being developed into Selwyn's largest sports park.

As well as developing the town centres of Rolleston and Lincoln, the proposed changes seek to create additional industrial land to the north of the existing Izone development.

Comments on this consultation are open until 9 October 2015.

To find out more about the consultation and share your comments, visit: selwyn.govt.nz ■

Contact details:

- 🏠 selwyn.govt.nz
- ☎ 03 347 2800 or 03 318 8338



Counting down to New Zealand Cup and Show Week

The countdown to the country's most vibrant and exciting spring festival has begun, with tickets to New Zealand Cup and Show Week now on sale.

Mark the dates in your diary, get your friends together and start planning early. New Zealand's most anticipated line-up of racing carnivals and social events, kicks off on 7 November.

The newest event in this year's line-up is Le Noir. The ultimate circus extravaganza features more than 20 acrobatic and specialty acts, including the heart-stopping Colombian Wheel of Death.

Whether it's the pulse-pounding excitement of elite racing, the colour and creativity of the fashion field, or the family-friendly fun at the Canterbury A&P Show, make sure you're part of this year's New Zealand Cup and Show Week.

For more information about events and to purchase tickets, visit nzcupandshow.co.nz



Family fun for Beca Heritage Week

If you're looking for some fun family activities in October, look no further than Beca Heritage Week.



Christchurch City Council's Beca Heritage Week events are French Fest in Akaroa from 9 to 11 October, a family fun day in the central city on 18 October and Orton Bradley Spring Fair on 25 October.

In addition, there will be more than 60 community events across the city, including open days, tours, seminars and exhibitions, competitions and quizzes, and music, dance and film events.

All Beca Heritage Week events and activities are featured in a booklet available at Council libraries and service centres as well as some city cafés and retailers.

Ngāi Tahu migration stories

Hear of stories related to Ngāi Tuhaitara/Tūāhuriri migrations and occupation of Kā Pākihi-Whakatekata-o-Waitaha/Canterbury Plains portrayed through artworks in the Bus Interchange on Sunday 18 October.

Tours will start at the main entrance of the Bus Interchange (corner of Colombo and Lichfield Streets) at 11am and 2pm. Part of Beca Heritage Week family fun day.

heritageweek.co.nz

Useful contacts



Christchurch City Council
03 941 8999
0800 800 169
info@ccc.govt.nz
ccc.govt.nz

CERA
0800 RING CERA
0800 7464 2372
info@cera.govt.nz
cera.govt.nz

EQC
0800 DAMAGE
0800 326 243
eqc.govt.nz

SCIRT
03 941 8999
info@scirt.co.nz
strongerchristchurch.govt.nz

Waimakariri District Council
03 311 8900
waimakariri.govt.nz

Selwyn District Council
03 347 2800
03 318 8338
selwyn.govt.nz

Environment Canterbury
03 353 9007
ecan.govt.nz

Canterbury Support Line
0800 777 846

Earthquake Support Coordination Service
0800 777 846

Residential Advisory Service
03 379 7027
0800 777 299
advisory.org.nz

Canterbury Earthquake Temporary Accommodation Service
0800 673 227
quakeaccommodation.govt.nz

What's on...

Free

SCAPE 8 - New Intimacies

3 October–15 November, all hours, SCAPE 8 Art Central Hub: Corner Gloucester and Colombo Streets

A Public Art Walkway, alongside a programme of artistic talks, guided tours and public workshops. FREE



MAMIL - Middle Aged Man in Lycra

30 August–3 October, 6–7pm, The Court Theatre

Mark Hadlow stars as a stressed property developer who joins a cycling group and makes a few startling discoveries.

Event pricing: Adults from \$52



Sebastian Bach

18 September, Opening 8pm, The Bedford

The original voice of Skid Row, Sebastian Bach returns to our shores.

Event pricing: From \$88.05



Lamb and Hayward Masterworks - The Romantics

19 September, 7.30pm (pre-concert talk 6.40pm), Air Force Museum

Making his debut with the Christchurch Symphony Orchestra, Kristian Winther is hailed as one of Australia's greatest violinists. Adults from \$38



The Laughing Samoans Fink About It

19 September, 8pm, The Aurora Centre for Performing Arts

Event pricing: From \$17



Maroon 5

1 October, 7.30pm, Horncastle Arena

The award-winning rock band are joined by guests Dirty Loops.



Joan Baez

15–16 October, 8pm, Isaac Theatre Royal

America's legendary folk singer, songwriter and activist Joan Baez will perform in Christchurch for the first time.



TEDxChristchurch 2015: Think Again

3 October
10am–6.30pm
Isaac Theatre Royal

Event pricing: From \$139



The Body Festival

24 September–11 October, various locations

Christchurch's annual festival of dance and physical theatre. From professional shows to amateur productions, there is something for all audiences and participants. Event pricing: from free up to \$30



Fun Palaces

3–4 October,
City Centre

A weekend of free activities for all ages and abilities

The events featured on this page are just a selection of what's happening in Christchurch over the next few weeks. Find out more online. ■

Be There >>>
CHRISTCHURCH EVENTS

For more events visit:
bethere.co.nz