

Christchurch City Council MINUTES ATTACHMENTS

Date: Wednesday 5 April 2023
Time: 9.30 am
Venue: Council Chambers, Civic Offices,
53 Hereford Street, Christchurch

TABLE OF CONTENTS	PAGE
3.1.1. Public Forum - 350 Ōtautahi Christchurch	
A. 350 Otautahi Christchurch Presentation - 5 April 2023.....	3
3.2.2. Deputations by Appointment - New Tenby Action Group	
A. New Tenby Action Group Presentation - 5 April 2023	6
3.2.4. Annebel de Kort	
A. Annebel de Kort Presentation - 5 April 2023	13
8. Monthly Report from the Community Boards - March 2023	
A. Fendalton-Waimairi-Harewood Community Board Presentation - 5 April 2023.....	15
B. Papanui-Innes-Central Community Board Presentation - 5 April 2023	21
C. Halswell-Hornby-Riccarton Community Board Presentation - 5 April 2023.....	29
D. Coastal-Burwood-Linwood Community Board Presentation - 5 April 2023.....	35
E. Banks Peninsula Community Board Presentation- 5 April 2023.....	42
F. Spreydon-Cashmere-Heathcote Community Board Presentation - 5 April 2023	50
12. Christchurch City Council draft Strategic Framework	
A. Draft Strategic Framework - 5 April 2023.....	56
13. Letter of Expectation for Long-Term Plan 2024-34	
A. Letter of Expectation for LTP - 5 April 2023	58
14. Hearings Panel report to the Council on the High Street Improvements	
A. Hearings Panel Report High Street Improvements Updated Map - 5 April 2023.....	67
3.2.1. Deputations by Appointment - Christchurch West Melton Water Management Zone Committee	
A. Erosion and Sediment Control Presentation - 5 April 2023	68
3.2.3. Deputations by Appointment - Adrianna Hess	
A. Adrianna Hess Permeable Pavements Presentation - 5 April 2023	74
16. Erosion and Sediment Control	
A. Erosion & Sediment Control Presentation- 5th April 2023	87

Submission to Christchurch City Council

5 April 2023

On behalf of



BBC Sign in Home News Sport Reel Worklife Travel

NEWS

Home | War in Ukraine | Coronavirus | Climate | Video | World | Asia | UK | Business | Tech


Science

<https://www.bbc.com/news/science-environment-64788106>

Green flights not in easy reach, warn scientists

28 February

Climate change



Pat Baskett
Pat Baskett is an Auckland writer and climate activist.

COMMENTS BY John Butt, Pat Baskett

COMMENT

Why hydrogen is not a cure for emissions

A so-called 'hydrogen economy' assumes we can produce renewable

Professor Julian Allwood of Cambridge University argues that not only is it unrealistic for aviation to have zero emissions, the only solution is to have a period with no flying at all.

"...There will not be enough spare renewably generated electricity to produce 'green' hydrogen for planes.

"Rather than hope new technology will magically rescue us, we need to commit to halving flights within 10 years (and) phase them out entirely by 2050."

<https://www.airportwatch.org.uk/2021/02/prof-julian-allwood-the-only-way-to-hit-net-zero-by-2050-is-to-stop-flying/>

Stuff

environment

'Sustainability is wishful thinking': get ready for the energy downshift

John McCrone • 05:00, Nov 14 2020



We must halve our energy use to avoid climate catastrophe, according to new modelling

<https://phys.org/news/2022-04-halve-energy-climate-catastrophe.html>



If global energy consumption continues its trajectory, renewable energy won't be able to replace all foss....

Renewable energy transition won't come fast enough to solve the climate crisis—we also need to reduce global energy consumption, according to new research from UNSW Sydney.

New Tenby Action Group

Heidi Oudemans

















Waimāero Fendalton-Waimairi-Harewood Community Board

Report to Council – 5 April 2023



Presenters: Bridget Williams (Chair) and Jason Middlemiss (Deputy Chair)

Decisions made under delegations

- Approved the Board's submissions on the Ōtautahi Christchurch Urban Forest Plan and the Draft Waste Minimisation Bylaw
- Approved a number of Public Transport Infrastructure improvements along route 17
- Approved road safety improvements at Grahams Rd/Waimairi Rd and Merrin St/Withells Rd intersections
- Approved an application to the Youth Development Fund
- Appointed David Cartwright as the Council's representative on the McLean Institute
- Appointed Jason Middlemiss as the Board's representative on the Waimakariri-Eyre-Cust River Rating District Liaison Committee

Community Board Plan

The Waimāero Fendalton-Waimairi-Harewood 2023-25 Community Board Plan priorities were open for community feedback from 8 March to 26 March 2023.

We received 46 submissions from the community.

The Board will be considering this feedback on 11 April 2023 and will be finalising our plan, ready for adoption at our Board meeting in May.



Fendalton-Waimairi-Harewood Edible Garden Awards

Twelve recipients received an award at our Board's inaugural Edible Garden Awards held at Mona Vale Homestead on 17 March 2023.



Aimee and Catherine from Orana Park



Ivan Hibberd in his garden in Belfast

Meeting Belfast groups

It was great for the Board to get out to Belfast and visit some of the many groups based around Sheldon Park and supporting the Belfast community.

It was a good opportunity to hear about the work they do and some of the issues they are facing.



Thank you!

Waipapa Papanui-Innes-Central Community Board

Report to Council for April 2023



Presenters: Emma Norrish and Simon Britten
5 April 2023

Decisions made under delegations

- **Discretionary Response Fund allocations:**

- \$5,000 towards printing costs for community organisations
- \$7,000 to The Ron Proctor Environmental Trust towards the construction of a pathway and two walkway bridges for Papanui Bush (Bridgestone Reserve)

- **Part A Reports to Council:**

- New Traffic Lights – 171 Main North Road – Pak’n Save access

- **Reports to the Board:**

- Barbadoes Street/Bealey Avenue Intersection – Proposed No Stopping Restrictions
- Beveridge Street – Removal of P5 Loading Zones
- 227 Armagh Street - Proposed No Stopping Restrictions
- Warwick Street/Vogel Street Intersection – Proposed No Stopping Restrictions
- Report of the Electoral Office – Innes Ward Community Board By-election

Public Forum

- **Birthright Canterbury Trust – Update on Organisation**
- **Shirley Community Reserve – Engagement on Future Use**
- **Phillipstown Community Hub – Rebuild of Pizza Oven**
- **Reinstatement of Timed P120 Parking – Chester Street East**

Community Projects

Activation of Shirley Community Reserve



Modular Pump Track



Car Boot Sale



Community Waste Day



Shirley Pop-Up Play



Nau Mai Fiesta



Community Projects

Summer with your neighbours

Harrys Way/Glen Place held a good old neighbourhood catch up taking the opportunity to meet and greet old and new acquaintances.



Coolspring Way caught up with each other while sharing food and relaxing in the shade.



Community Events

Share Kai and Korero

A partnership between InCommon , Mahia te Aroha and the Stanmore Corner Project has provided an opportunity to share kai and korero for the communities in and around the Stanmore Road area proved to be extremely popular.

A series of Friday evening gatherings were held in March with the opportunity to try a different ethnic cuisine each Friday (Eritrean, Afghani, Nepalese and Iranian) while making new contacts in the local community.



Community Achievements

Phillipstown Hub – Wise about Waste Workplace Challenge

Phillipstown Hub participated and won the Grand Prize for their waste minimisation efforts in running their Community Market Day, including sewing their own bunting, using reusable plates, cups and cutlery and creatively recycling equipment around the stalls that would otherwise have ended up as landfill.



Christchurch
City Council

Thank you!

Waipuna Halswell-Hornby-Riccarton Community Board Report to Council – 5 April 2023

Presenter: Marie Pollisco, Deputy Chairperson



Decisions made under delegation

- Approved Easement (Kiosk) - Nga Puna Wai (189 Wigram Road) Report
- Approved Knights Stream School Area Improvements
- Approved three Youth Development Fund applications and two Off the Ground Fund applications

Part A Report being considered at this meeting:

- Waterloo Road Improvements - Pavement markings

Approved Discretionary Response Fund allocations to:

- Halswell United Association Football Club Incorporated towards the Halswell United E-Sports project.
- Canterbury Westland Kindergarten Assn (Kidsfirst) - McKenzie (34) towards the outdoor sun safe area project.

2

Riccarton Park Menzshed

The Menzshed has been operating in the community for almost 10 years and recently secured a new location for the shed at Riccarton Park.

Opening hours are Tuesdays and Thursdays, 1pm to 4pm.

A special open event was held 2 March to welcome old and new members to the new shed at 181 Racecourse Road.



Hello Hornby



The fifth Hello Hornby, Our Community Party in the Park, was held on 11 March at Wycola Park. The event was organised and hosted by the Hello Hornby Community Committee and supported by local businesses and the Council.

Hurutini Council Travel Safety Video



<https://www.youtube.com/watch?v=Xa16vAgXibk>

Thank you!

Waitai Coastal-Burwood-Linwood Community Board

Report to Council – April 2023



Presenters: Paul McMahon, Chair and Jackie Simons, Deputy Chair

1

Highlights from the Ward Area



2

I Love Brighton and Parklands at Play Events

Held on 7 February and 19 February respectively, these local events were well attended by the local community.

I Love Brighton held its 12th event where there was a huge variety of activities as the temperatures soared past 30 degrees. The highlights included a strong kappa Haka performance from Rawhiti School pupils, Takumi Japanese drumming group, Brighton's unique Natural Magic Pirate band, also extremely popular with the crowds were the Shirley Boys High band Midnight Buzz and 30c Spin.

Parklands at Play event is a collaboration of several groups and Clubs in the Parklands/Queenspark area with funding support from the Waitai Coastal-Burwood-Linwood Community Board.



Christchurch
City Council



Ōtakaro Avon River Corridor

The **Dallington Residents Association** and **Dallington Community Trust** held a drop in session at the Dallington Landing on Saturday 11 February to give locals the opportunity to talk to council staff about the future plans for the local red zone area. Council Staff were on hand to show early-stage designs for the area and discuss the Avon Park Redevelopment Consultation that is currently open.



Highlights from the Ward Area

Pateke Place Play Street, Bromley

Sport Canterbury in collaboration with Kianga Ora, FENZ and Police held a local play street on Pateke Place in Bromley. Play Streets aim to provide a safe environment for children and parents to be active in their neighbourhood through play and engaging socially with their neighbours. They are small, resident-led, local events, held on quiet neighbourhood streets during daylight hours.

This event saw a good level of support from local residents despite it being during regular working hours and strong turnout from a range of ages and backgrounds took part in the activities on offer during the 2 hour closure of the road.



Organics Processing Plant



Close then move?

Stormwater Retention Basins



Have been successful along the Opawaho-Heathcote.

We have major issues along the Otakaro catchment including Avondale and New Brighton.

The Waitaki Basin Project shouldn't be delayed.

Linwood Resource Centre



Annual Pancake Race

On Monday 21 February, the Linwood Resource Centre held its annual pancake race. This was an opportunity for the centre to take on local Community Governance Staff and Elected Members to see if they could retain their title.

Thank you!

Te Pātaka o Rākaihautū Banks Peninsula Community Board Report to Council – March 2023



Presenter: Reuben Davidson, Board Chairperson Banks Peninsula

Community Focus

Coastal Communities



Community Focus

Coastal Communities



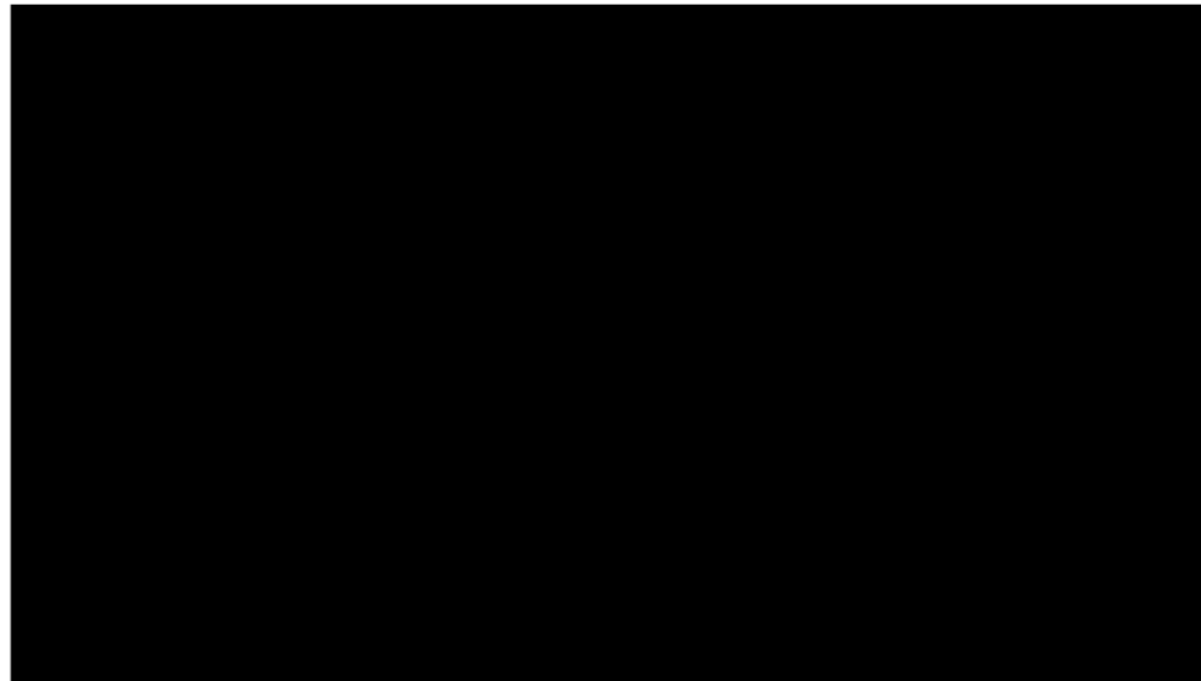
Community Focus

Coastal Communities



Community Focus

Ngāti Wheke Partnership



Community Focus

- Destination Management Plan
- To manage our environment, our communities and our visitors.
- Funded by Central Government.
- \$20k invested by Council to enable significant consultation.
- This ensures the Board can endorse with confidence.

Community Focus

Destination Management Plan



Nga Mihi – Any questions?



Waihoru Spreydon- Cashmere-Heathcote Community Board Report to Council



Te kaupāhō (Presenter): Callum Ward, Chairperson
Keir Leslie, Deputy Chairperson

Properties for Disposal

The Board proposes a review of the considerations required for assessment for considering a property for disposal :

- In light of the new Urban Forest Plan the property is assessed for its existing or potential for future canopy cover;
- Community needs

Decisions at meetings

Road stopping Part A Report to Council



11 April 2023

Community projects, events, key issues

Waltham School Community Fair



11 April 2023

Community Board Plan

South Library rebuild



- The current budget for this project in the LTP is \$13,397,288. We also have \$9m earmarked for this project as part of Better Off Funding bringing the **total budget to \$22,397,288**
- Based on the report that went to the Sustainability and Community Resilience Committee on 01/06/2022, the actual **cost estimate for a fit for purpose rebuild is \$24.9m**
- This leaves a **current shortfall of \$2.5m**. It was noted in resolution SACRC/2022/00021 in this meeting that *"the advancement of the project to construction will require additional funding in Annual Plan 2023/2024 and or a Long Term Plan adjustment"*

11 April 2023



DRAFT

Our focus this Council term 2022 - 2025	Our goals for this Long Term Plan 2024 - 2034	Our intergenerational vision 2022 – 2052
<p>DRAFT STRATEGIC PRIORITIES</p> <ol style="list-style-type: none">1. Be an inclusive and equitable city which puts people at the centre of developing our city and district, prioritising wellbeing, accessibility and connection2. Champion Christchurch and collaborate to build our role as a leading New Zealand city3. Build trust and confidence in the Council through meaningful partnerships and communication, listening to and working with residents4. Reduce emissions as a Council and as a city, and invest in adaptation and resilience, leading a city-wide response to climate change while protecting our indigenous biodiversity, water bodies and tree canopy.5. Manage ratepayers' money wisely, delivering quality core services to the whole community and addressing the issues that are important to our residents6. Actively balance the needs of today's residents with the needs of future generations, with the aim of leaving no one behind	<p>DRAFT COMMUNITY OUTCOMES</p> <p>A collaborative confident city</p> <p>Our residents have the opportunity to actively participate in community and city life, have a strong sense of belonging and identity, and feel safe</p> <p>A green, liveable city</p> <p>Our neighbourhoods and communities are accessible and well-connected, supporting our goals to reduce emissions, build climate resilience and protect and regenerate the environment, especially our biodiversity, water bodies and tree canopy</p> <p>A cultural powerhouse city</p> <p>Our diverse communities are supported to understand and protect their heritage, pursue their arts, cultural and sporting interests, and contribute to making our city a creative, cultural and events 'powerhouse'</p> <p>A thriving prosperous city</p> <p>Our city is a great place for people, business and investment where we can all grow our potential, where enterprises are innovative and smart, and where together we raise productivity and reduce emissions</p>	<p>VISION</p> <p>A place of opportunity for all Open to new ideas, new people, new investment and new ways of doing things - a place where anything is possible</p>
<p>Ngāi Tahu has rangatiratanga over its takiwā - the Council is committed to partnering with Ngāi Tahu to achieve meaningful outcomes that benefit the whole community</p>		

DRAFT

5 April 2023

Dear Dawn,

Christchurch and Banks Peninsula Long Term Plan 2024-34: Councillors' Expectations

As indicated, I have prepared this letter setting out Councillors' expectations to help inform the work that you and your staff will undertake to support development of the Long-Term Plan (LTP) 2024 – 2034.

Part A makes clear Councillors' expectations around LTP content – the major strategic issues that the LTP needs to address. **Part B** is designed to provide clarity and certainty to both governance and staff around how the LTP process will unfold.

Context

Christchurch is a fantastic city that is on the move. It is the place where we all call home, and where we want to do our part to make it an even better place to live, work, play and invest.

Christchurch has faced more than its fair share of challenges over the past decade, including those arising from earthquakes, floods, fires, water supply security concerns, terrorist attacks and the current pandemic recovery. The human, financial and environmental costs to our city have been great.

We now face significant change to our sector flowing from Government reforms, as well as the ongoing impacts of long term challenges faced by our community such as climate change, increasing inequality, rising cost of living and affordability issues. Our Council must also confront the immediate challenge of rising inflation, skills shortages and supply chain disruptions on our operations and capital projects.

Amongst the changes will be the implementation of Three Waters reforms from 1 July 2024. This means that the LTP 2024-34 will not include Three Waters and will reflect a post-reform Council in line with the Government's direction. We anticipate considering a range of scenarios as part of the development process.

However, the large investments over the past decade, our location as the gateway to the Antarctic and South Island, and our status as our nation's second largest city mean we are

5 April 2023

well-placed to respond to these challenges. This will help us put Christchurch 'on the map' as the best place to live, work, invest and play in New Zealand.

Councillors are determined to realise their vision for Christchurch as 'a city of opportunities.' Our city must continue to thrive and grow sustainably by attracting new businesses, people and investment.

We want to provide, encourage, enable and improve the services that are essential for sustainable growth, resilience, liveable neighbourhoods, safe and healthy natural environments, and to support diverse cultural interests, activities and events. This should occur within the context of increasing partnership with mana whenua and greater collaboration with neighbouring councils and government agencies. The Greater Christchurch Partnership and Canterbury Mayoral Forum will offer opportunities for this collaboration to increase.

Overall, we are expecting sound, evidence-based advice and options to help us make informed choices in the best interest of our city, our environment and our residents.

Part A - Key themes of the LTP 2024

We recognise that the joint development approach between Councillors and staff which formed the basis of the LTP 2021 was very successful and we want to build on that approach.

Councillors have worked well with ELT on a Strategic Framework which lays the foundation for LTP 2024. We expect that the Framework will set out our commitment to working in partnership with Ngāi Tahu to achieve meaningful outcomes that benefit the whole community. The Framework sets out the strategic priorities that will be our focus for work programme planning and investment over this Council term. We are aiming to finalise the Framework by the end of April 2023 in order for it to underpin all subsequent LTP work. We are currently discussing the following draft strategic priorities:

- Be an inclusive and equitable city which puts people at the centre of developing our city and district, prioritising wellbeing, accessibility and connection
- Champion Christchurch and collaborate to build our role as a leading New Zealand city

5 April 2023

- Build trust and confidence in the Council through meaningful communication, listening to and working with residents
- Reduce emissions as a Council and as a city, and invest in adaptation and resilience, leading a city-wide response to climate change while protecting our indigenous biodiversity, water bodies and tree canopy.
- Manage ratepayers' money wisely, delivering quality core services to the whole community and addressing the issues that are important to our residents
- Actively balance the needs of today's residents with the needs of future generations, with the aim of leaving no one behind

To achieve these outcomes we need to provide clear direction for the LTP at an early stage. To ensure success this should include:

Genuine partnership with Mana Whenua

The draft Strategic Framework acknowledges Ngāi Tahu rangatiratanga over its takiwā and commits the Council to partnering with mana whenua to achieve meaningful outcomes that benefit the whole community.

The LTP presents the first key opportunity this Council term to advance the Council partnership with Papatipu Rūnanga and to discuss meaningful outcomes. The Mayor and Councillors expect that the LTP programme will enable authentic partnership and active dialogue with mana whenua.

Joint Development between Councillors and staff

It is expected that the joint development process used in the 2021 LTP will be continued and refined. This ensures that the views of Councillors and Community Board plans are taken into account from an early stage, and that debate and direction-setting is based on transparent, objective and accurate staff advice. Early engagement across our communities is also a key part of the approach. There must be sufficient time set aside for pre-engagement to occur in a transparent and measured way. The purpose and scope of pre-engagement will need to be agreed over coming weeks between Councillors and staff.

Listening to our residents, communities, and businesses

There is a wealth of feedback from our community in the Resident and Point of Contact Surveys, as well as other sources. These highlight areas of high satisfaction as well as areas where improvement is needed. These views are important as they represent what our residents want our Council to work on.

5 April 2023

It is important that a diversity of voices is heard, that we actively listen to what our communities are saying and that the LTP provides options for addressing those community ambitions and concerns, including those voices that are not part of our current way of thinking. The LTP should provide certainty for our community on what we will do in response to the feedback they give us.

There is also a need to identify opportunities to work more closely with businesses and community groups to unlock the potential of our city. Feedback will need to be balanced with financial sustainability and deliverability during LTP decision-making as we will be confronting some hard choices.

Committing to a Climate Resilient City

Christchurch is vulnerable to the impacts of climate change. The Council has a significant role in reducing the district's greenhouse gas emissions reductions efforts and protecting our natural environment. The Infrastructure Strategy, Asset Management and Activity Plans must include meaningful actions to reduce our greenhouse gas emissions, increase our resilience to more frequent and extreme weather events, and reduce our community's overall vulnerability to the impacts of climate change.

Continuous Improvement

Given the dynamic nature of Council's operating environment it is critical that the organisation continues to learn and improve. Council expects to see innovative thinking applied to the financial and infrastructure strategies, activity plans, business reviews, S17a service delivery reviews, and in particular the Letters of Expectation with our group of companies, and for these to inform the LTP. It is critical that staff provide advice during the LTP process that reflects new and innovative ways to achieve outcomes for our community.

Infrastructure Strategy

The Infrastructure Strategy (IS) needs to inform many of the key LTP documents. It must contain a strategic view of our key infrastructure opportunities and challenges, including residual earthquake damage to infrastructure, and options to address these. It should include opportunity cost assessments for councillors to consider when evaluating options. The preferred option must be supported by an investment proposal, which should be well progressed early on in the LTP process so that it can frame the development of the capital

5 April 2023

programme and be closely aligned with the Financial Strategy and Strategic Priorities. The IS will also help to shape and inform the Consultation Document.

The IS must be understood as a strategy: it should give high level direction for the future of our infrastructure planning and investment; lead the development of the asset plans, the capital programme and capital prioritisation process. This will include a clear view of essential asset management and renewals as well as more discretionary projects. It should avoid being 'backcast' (a simple retrofit to existing asset plans.) The IS will both inform, and be informed by, activity plans and asset plans through an iterative process.

The 30-year horizon for the IS makes it high level enough that it will not hinder the ability to defer programmes to later years, if required by deliverability challenges. It is therefore important that the proposed capital programme is clearly visible to Community Boards and residents as part of the LTP engagement process and extends beyond the traditional ten year view. Projects should be available by ward over the life of the LTP.

Council expects that the overall direction of the IS (and ideally its preferred option) to be available for asset plans and activity plans to reference while they are being co-developed. It is expected that staff will have considered other Council's IS and asset planning documents in light of the feedback from the Auditor-General after the LTP 2021.

Financial Strategy

The long-term financial management approach needs to focus on keeping rates and other fees and charges affordable over time, while at the same time balancing the need for fit-for-purpose services and our residents' quality of life. It must also present a clear picture of the Council's long term strategic approach to debt ensuring we are taking a whole life costing and intergenerational approach.

Rating approach

Councillors wish to signal a clear expectation that rates increases will be contained and they must always be justifiable. It is timely for Council to undertake an assessment of our rating base and approach and how well it is understood.

More broadly, the Financial Strategy should:

1. Provide the economic context, interest rates and inflation projections and debt profile within which are proposed options for rates setting.

5 April 2023

2. Be clear on the role and performance of CCHL and the CCTOs, and their contribution to Council's financial resilience over time.
3. Provide an assessment of the impact of the RMA reforms as best can be assessed at this point in the reform programme. Based on observations from the last LTP process.
4. We would also like staff to consider the following:
 - the capital programme be proposed at a level that responds to actual need and that is demonstrably deliverable and affordable in each year of the LTP.
 - alleviate an unacceptably high capital programme 'bow wave' with inevitably large carry-forwards each year, which has the potential to drive unnecessarily high rates increases (note that while we do not borrow for what we are not delivering, that work is built into our plans and therefore rates increases).
 - as the capital programme changes, any related opex implications must be clearly called out and evidence based – including whole-of-life costing implications.
 - Activity budgets should be available when activity plans are reviewed by Councillors. These could be draft budgets for activities that are not changing markedly, but with indicative budgets for activities where any major change is proposed.
 - Impacts to Levels of Service arising from budget changes must be transparent to Councillors in activity plans.
 - Adjustments to (or deletion of) capital projects/programmes or Levels of Service must be transparent in LTP documents, including the CD.

Part B - The LTP Process

It is essential that both Councillors and staff have a clear and mutually agreed understanding of how the LTP process will unfold. The advice below is informed by what worked well during the LTP 2021 process. It also reflects improvements based on the LTP 2021 process review, which included input from senior managers and councillors, as well as the Office of the Auditor-General.

5 April 2023



Restoring trust and confidence

The LTP process needs to provide ample opportunities for a full range of issues to be canvassed. Residents, business and communities of interest and other key stakeholders must be broadly engaged on key issues and options so we hear the many and varied voices of our community as we consider those issues. This places an obligation on Council and staff to ensure that accurate, easy to assimilate information on options (and their impacts) is available to all our stakeholders to help inform their views. We want a two way conversation that is:

- collaborative and meaningful
- designed to deliver real benefits for the city equitably and at reasonable cost for all generations
- communicated clearly so the community is aware of the responses and the reasons for the decisions we have made.

In addition to early work with mana whenua partners, Councillors expect the LTP process to create better connections with disenfranchised communities, and to consider stakeholder-specific assessments. We also want to see more youth-focused engagement (by youth for youth). Where relevant, there should also be more project-based engagement to encourage and support community involvement and more submissions.

Consultation Document

The Consultation Document (CD) is the flagship and main public document of the LTP. It is led by the Mayor and will set out the key issues being considered, and the options available in response to those issues. The right CD will encourage and support community involvement. It will be important to retain clear accountability for the Consultation Document (CD) development within the Communications and Engagement Unit, so it is written in plain

5 April 2023

and consistent language rather than technical jargon, with the options to be considered by the Council and community are articulated clearly and accessible to all.

The Consultation Document will be supported by a range of related tools and communication streams to ensure that all people in our community can participate and contribute. There will continue to be an option to submit through easy to use online surveys.

The Joint Development Process

This was successful in 2021. Councillors felt that they had clear oversight of the LTP strategies and plans, as well as sufficient time to scrutinise them and provide feedback. The overarching objective of the plan (that the suite of LTP documents are available in draft form by 1 July 2023) remains. Councillors should also be engaged early on levels of service to ensure they understand the issues and options they consult on. It is essential that there is a measured and transparent programme of presentations on activity and asset plans to Council between July and December 2023 that allows for questions and the opportunity to circle back if needed. Staff should find meaningful ways to enhance transparency during this process.

This programme of presentations should be set and agreed with elected members now so that there is clarity for both the managers presenting and for the councillors. Focus areas for activity plan presentations include:

- clear line of sight from high level outcomes (Strategic Framework, including climate resilience and other relevant Strategy documents) to proposed levels of service and capital projects.
- a capital prioritisation process that has a focus on community need, deliverability, affordability and climate resilience across all capital portfolios.
- Levels of Service that are consistently SMART (specific, measurable, achievable, relevant and time-bound) and which will provide transparency of non-financial performance across services. We note there are legislatively prescribed LOS, and in addition we wish to focus our efforts on a reduced suite of LOS that are most critical and meaningful.

It is also expected that once the strategies and plans are in draft form on 1 July 2023 they will be available to councillors on the BigTinCan. All of these refinements were valuable in the 2021 process.

5 April 2023

Other Issues

Rather than proscribing the more detailed elements of the LTP Programme, the *LTP 2024-34 Programme Plan* (approved by the Executive Leadership Team and Council in June 2022) remains the approved LTP process. Please report progress against this programme plan monthly to the Finance and Performance Committee, including any risks or impediments to the project and its key work streams.

Councillors need a clear stocktake of on-hold Annual Plan and LTP proposals from the last triennium, so that we can confirm whether this work should form part of the 2024 LTP.

Community and Stakeholder Engagement

Community Boards need to develop their Plans early in the triennium and they need to be aligned with the Council's strategic framework. This will assist the ability to integrate Community Board Plans at an earlier stage in the LTP process. This reinforces the need for a timely sign off on the strategic framework by the new council.

As stated, early engagement and partnership with Ngāi Tahu/ Ngā Papatipu Rūnanga must be programmed specifically into the LTP programme plan.

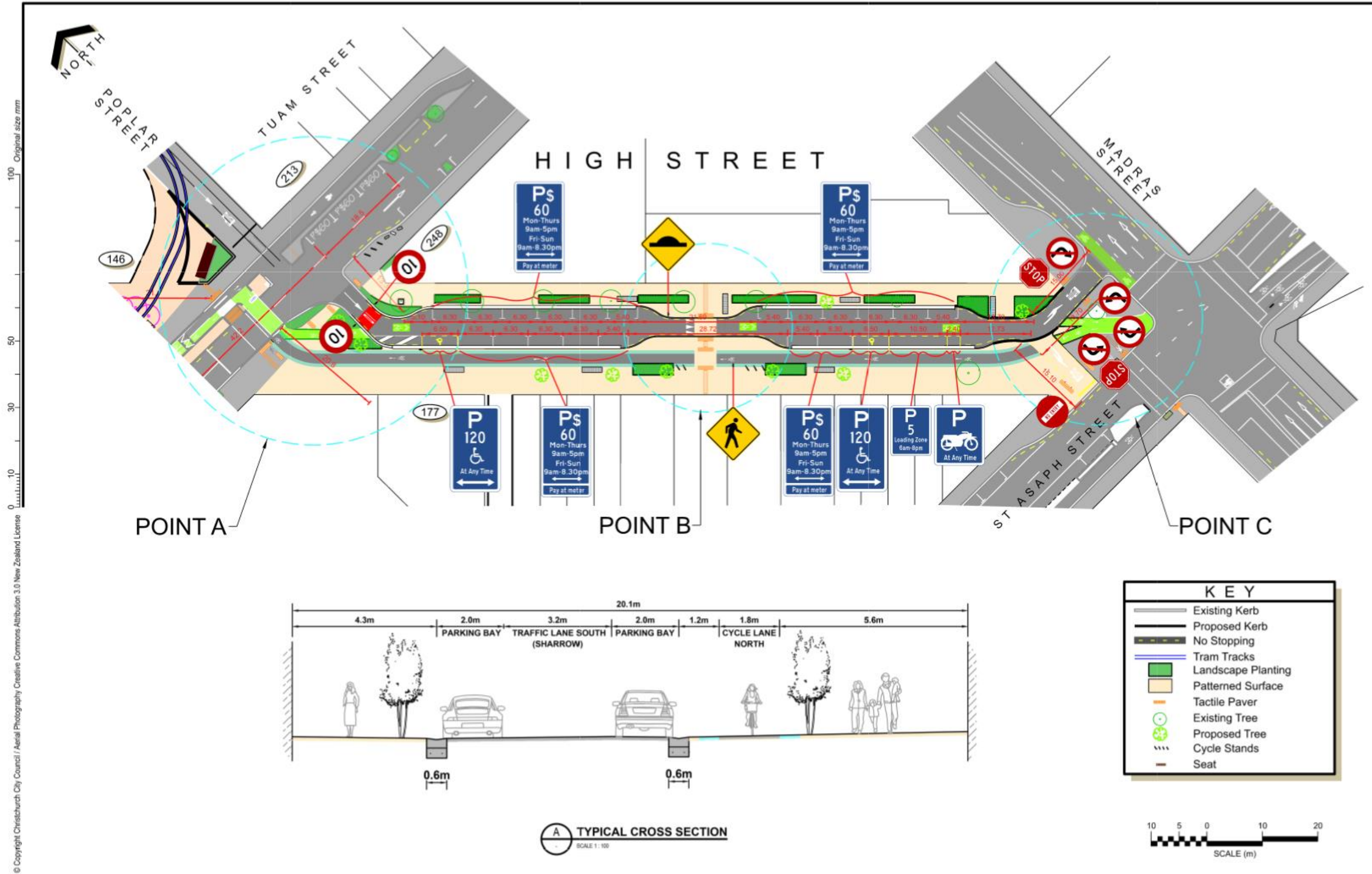
In addition, I welcome staff advice on the potential to have early conversations with the community, to help support the development of an LTP that closely matches the priorities of residents whilst recognising intergenerational impacts. Particular attention needs to be given to how we reach a greater diversity of residents in our early engagement, and during the formal consultation period.

Thank you for the opportunity to provide this expression of expectations on behalf of Councillors. I hope it will help guide the organisation as you implement the LTP process.

Regards

Phil Mauger

Mayor



We all need better
Stormwater Management and
Erosion and Sediment Control
for
Healthy Waterways

Christchurch West Melton Water Management Zone Committee 2023

The Problems:

- Mass loads of sediment and other contaminants discharging off urban developments on highly erodible slopes into the Avon-Heathcote estuary- Ihutai and into the Ōpāwaho waterways.
- Significant Industry non-compliance to ESC plans (CCC)
- Ōpāwaho-Heathcote catchment has poorest water quality/health (CCC HW Report Card 2022)

Sediment filling gutters and on the road after stormwater runoff from Emily Hts



Sediment laden stormwater into the Estuary



The Zone Committee Recommends:

- CCC and ECan conduct an independent audit of the environmental effectiveness of the regulatory instruments, arrangements and capacity building applying to erosion and sediment control and contaminated stormwater management, including the CSNDC.
- Audit outcome used to improve the regulatory frameworks, instruments, CCC/ECan protocols and environmental outcomes for healthier waterways.

Current BAU is not good enough.

- ZC request CCC and ECan action and investment to improve the environmental effectiveness of the high risk land development consenting, regulation, compliance enforcement and capacity building for government and industry. **ECan yet to decide - May.**
- First we need to find and fix the weakness in the current BAU.
- Probably cost effective for healthier waterways.
- The pending 3 Waters reforms shouldn't be a barrier for action to improve stormwater management and erosion and sediment control at developments on the highly erodible Port Hills.

An aerial photograph of Christchurch, New Zealand, showing a mix of urban development and green spaces. In the foreground, there are large industrial or commercial buildings with flat roofs. Behind them, a dense residential area with many small houses is visible. Further back, there are large green fields and a small body of water. The text is overlaid on a dark, semi-transparent rectangular area in the center-left of the image.

Lowering Flood Risk in Urban Development: Permeable Pavements

Adrianna Hess, MSc Urban Resilience & Renewal
NRMCA Certified Permeable Concrete Contractor

Urban Water Working Group 2018

Ministry for the Environment



10 Urban Water Principles

#2 Use ... engineering solutions where possible to mimic or work with processes found in the natural environment...

Infiltrate Water Don't Convey It

Replicate Greenfields Conditions

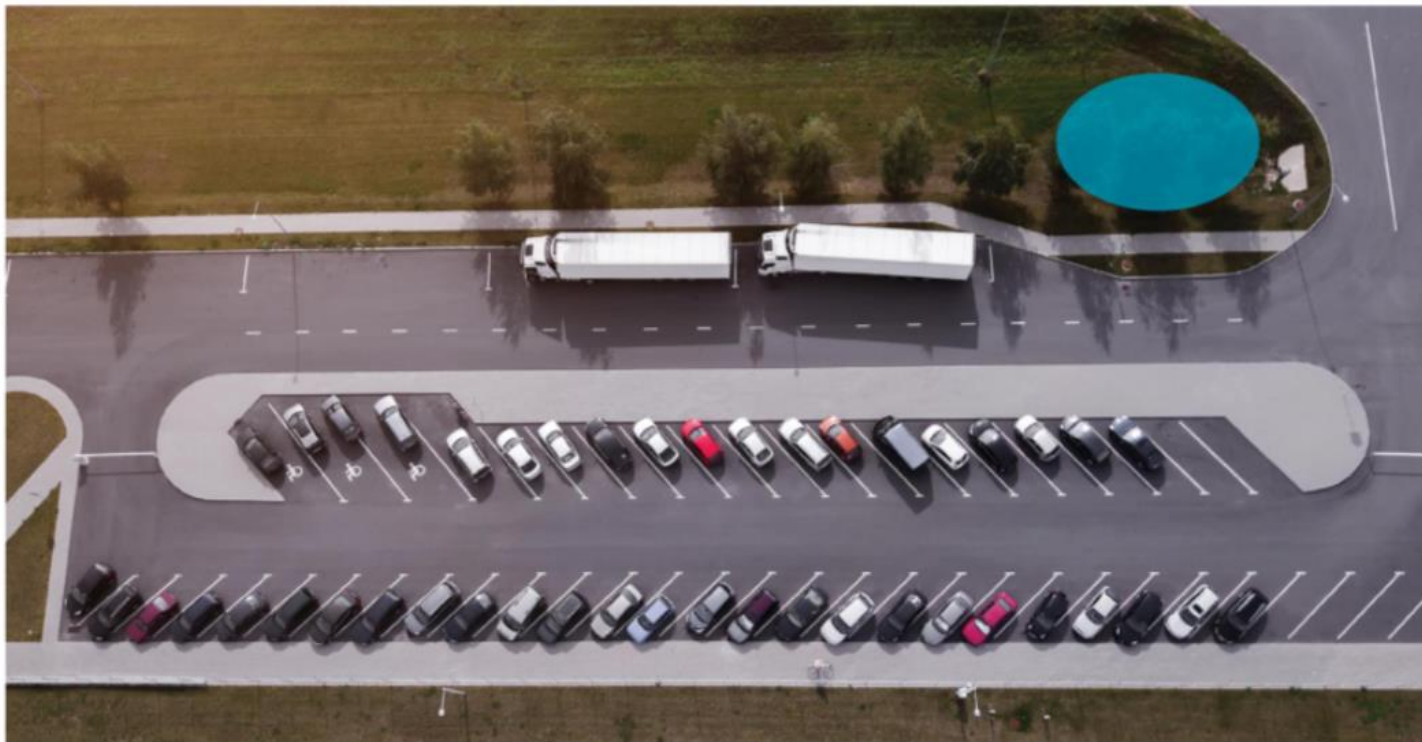
- Water falls through constructed base layers
- Every 35m² = 1m³ of stormwater storage



The Infiltration Problem - Conventional Water Stacking

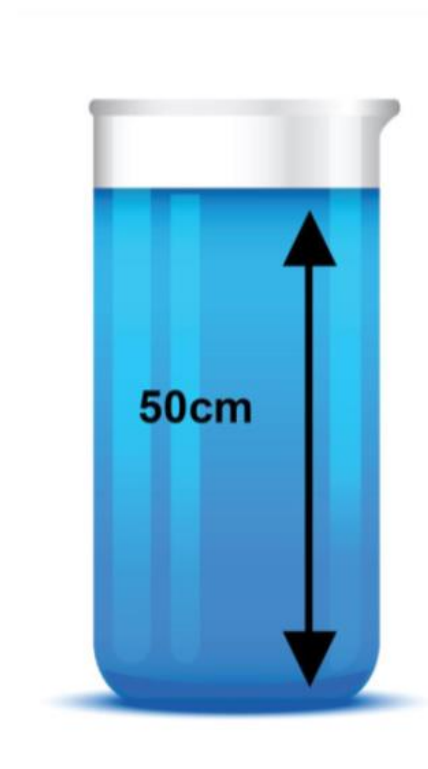


The Infiltration Problem - Conventional Water Stacking



The Infiltration Problem - Conventional Water Stacking

- 2 year storm = 5cm in 24 hours
- Conveying $1000\text{m}^2 \rightarrow 100\text{m}^2$
- 5cm \rightarrow 50cm
- Clay Soil Infiltration Rate: 2mm/hr
- 250 Hours \sim 10 Days

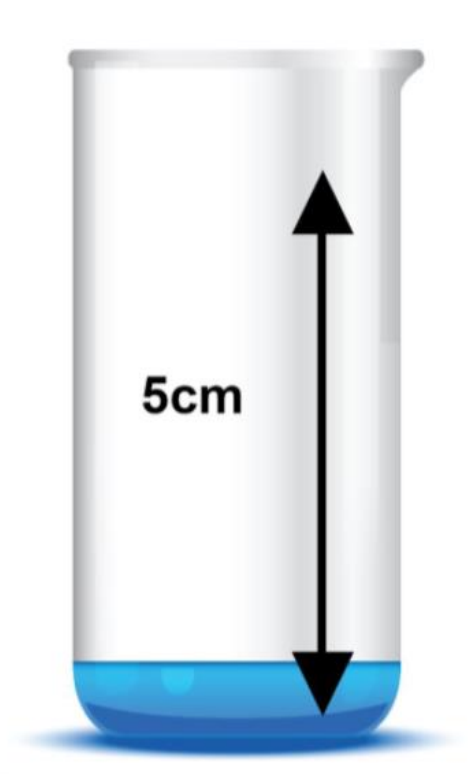


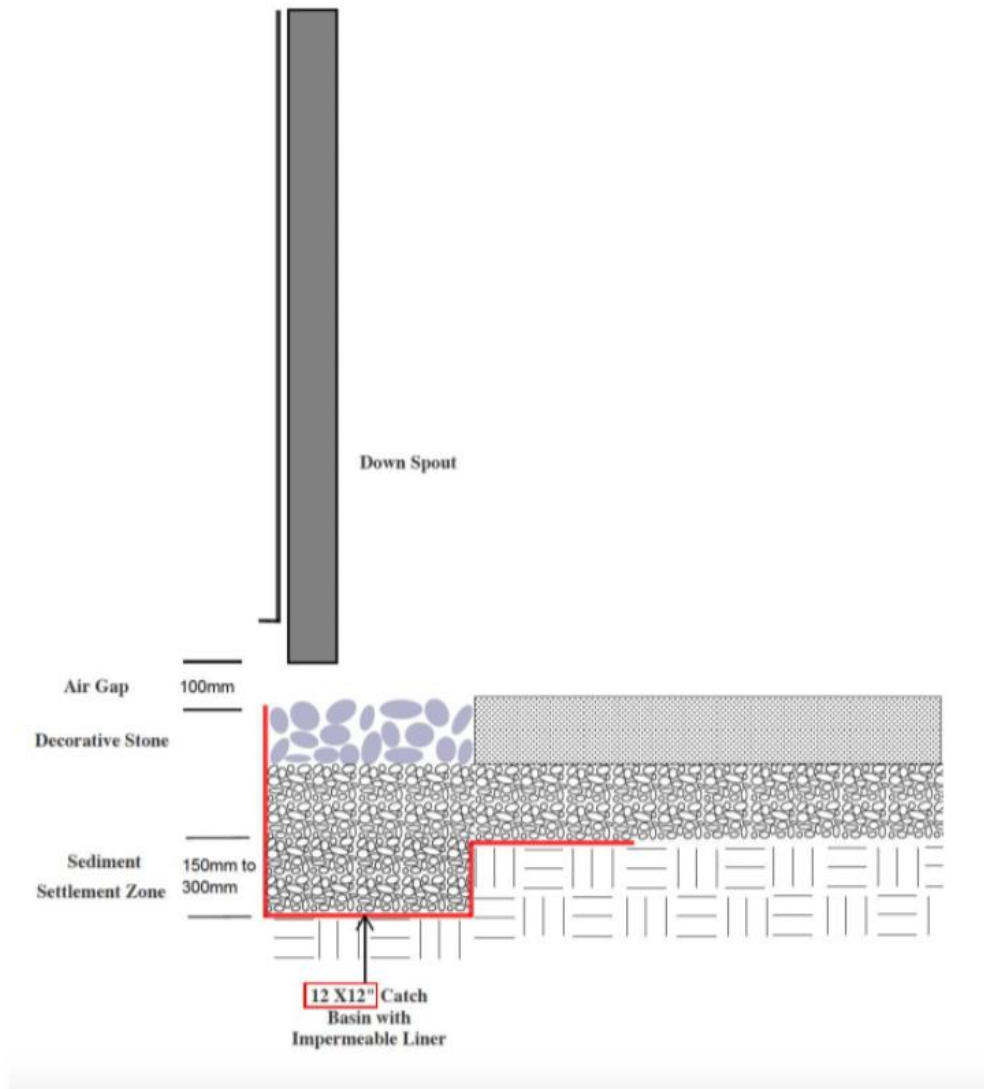
The Solution – Permeable Pavements



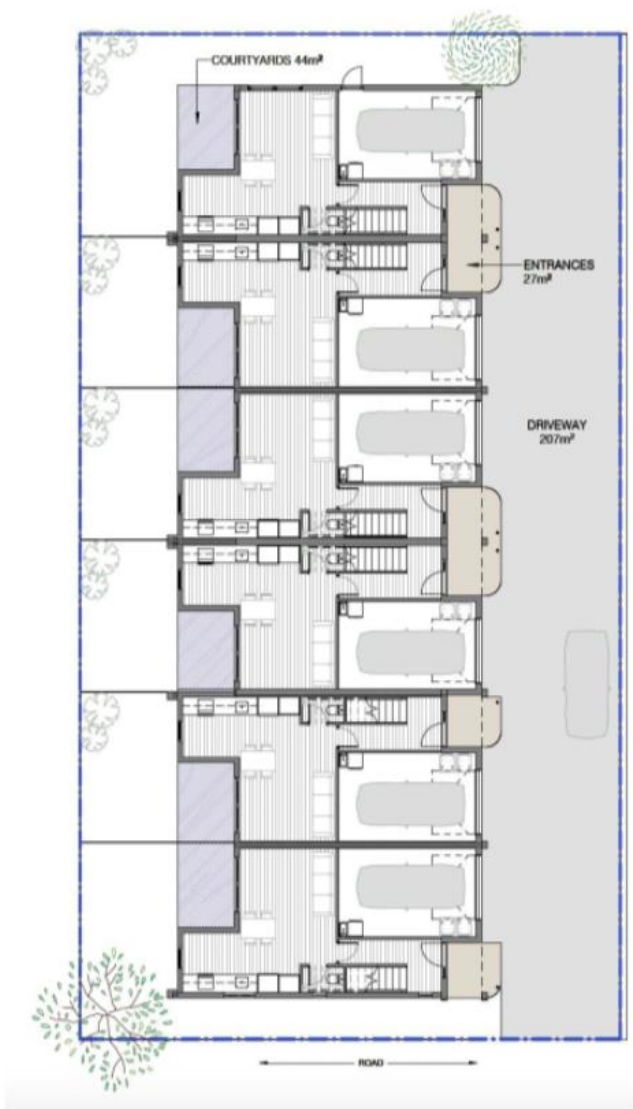
The Solution – Permeable Pavements

- Utilise voids under parking as retention pond
- Common storm = 5cm in 24 hours
- Clay Soil Infiltration Rate: 2mm/hr
- 25 Hours ~ 1 Day





Infiltrating Roof Runoff to Ground



Option 1: High Density Development Typical Design

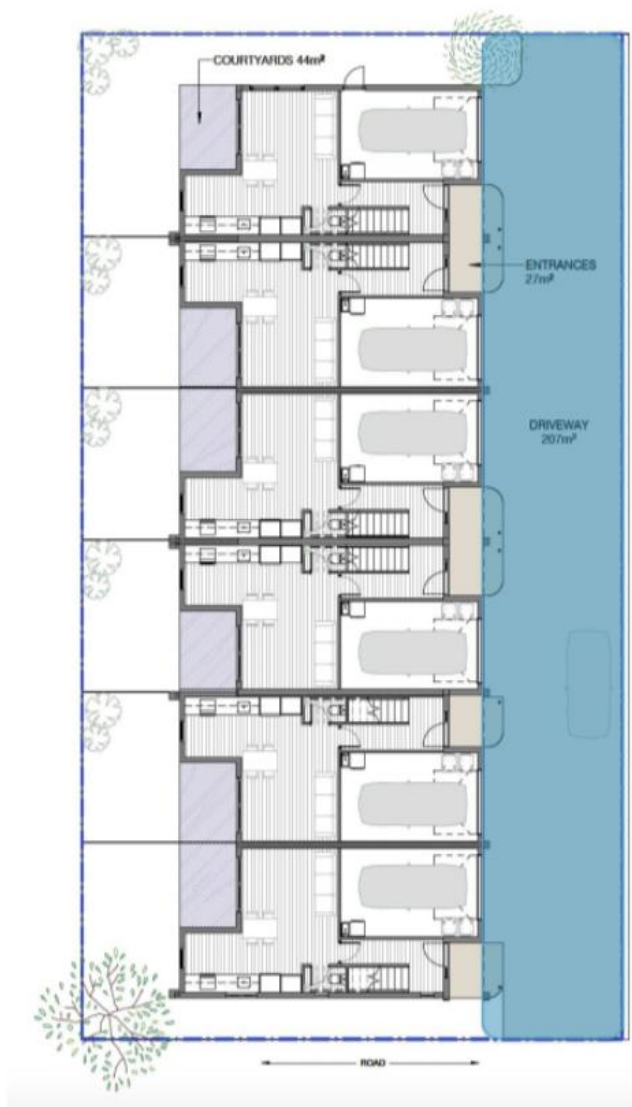
Site Overall: 860m² (100%)

Building Coverage: 378m² (44%)

Driveway: 207m² (24%)

Total Impermeable Area: 585m² (68%)

Creates 85m³ of Stormwater in 100yr Event



Option 2: High Density Development with Permeable Concrete

Site Overall: 860m² (100%)

Building Coverage: 378m² (44%)

Permeable Driveway: 207m² (24%)

Creates 55m³ of Stormwater in 100yr Event

Driveway Retains 19-29m³ of Stormwater

Link Stormwater Management & Development Planning



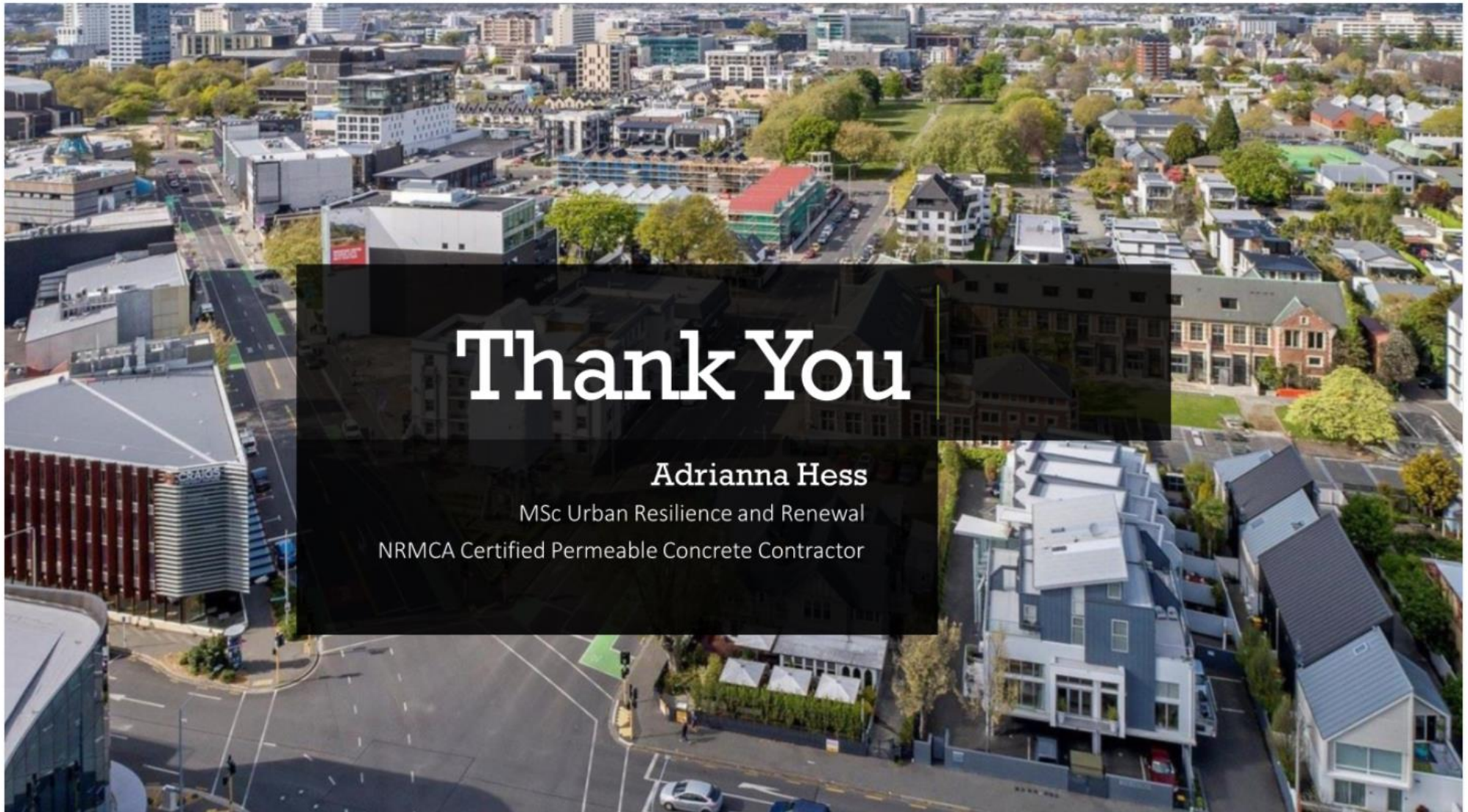
Impermeable

- Create and convey stormwater
- Expensive piped networks prone to failure from earthquakes
- Sea level rise reduces piped drainage potential



Permeable

- Utilise permeable pavements to reduce stormwater (by 35% in today's example)
- "Source Control" deals with stormwater where it lands
- Remove pollutants from runoff
- Provide water and air to urban trees
- Reduce "Urban Heat Island Effect"



Erosion and Sediment Control

Clive Appleton – Healthy Waterways Implementation Lead

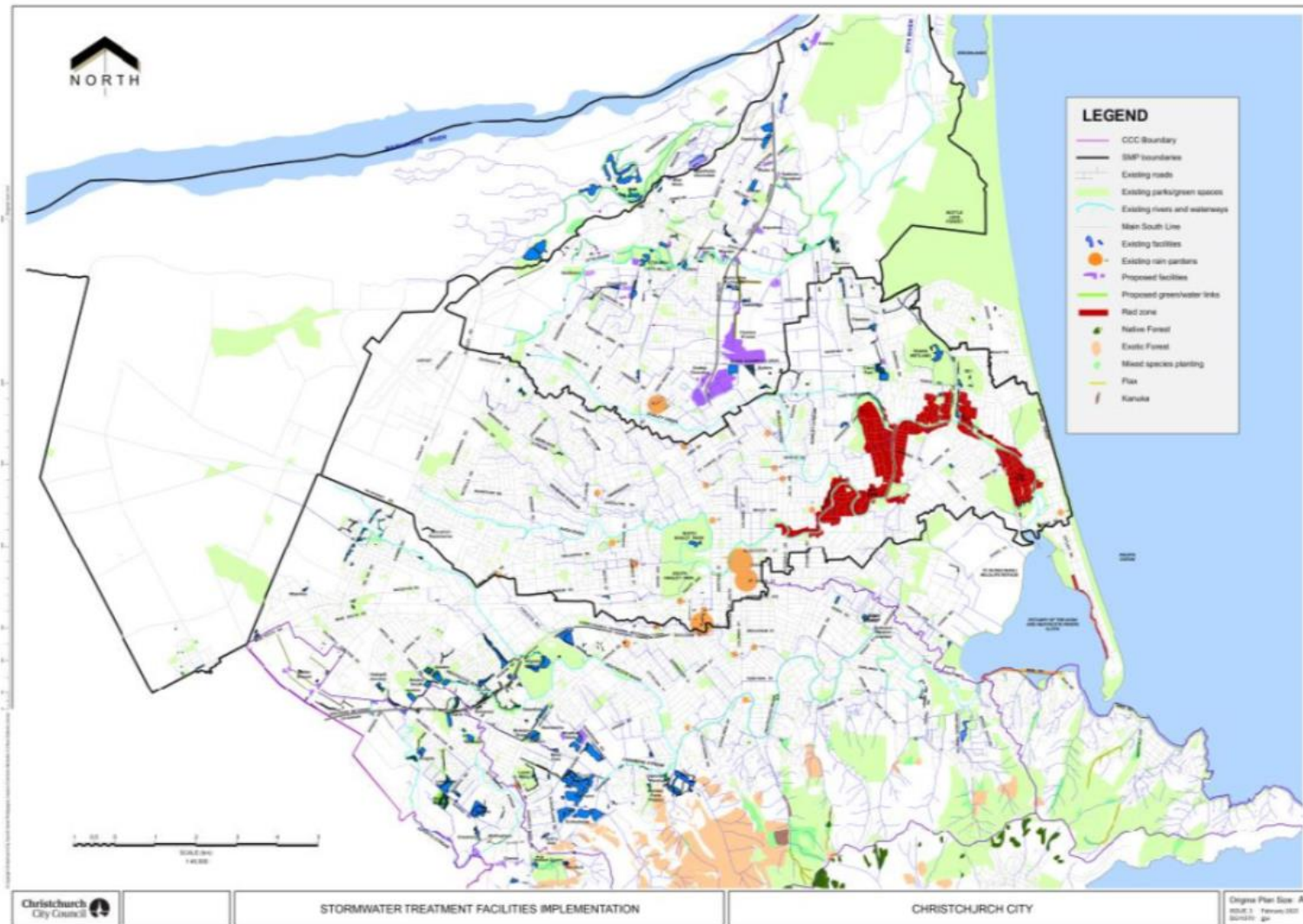
1

Port Hills Rural Land

- Council constructed Cashmere Valley and Eastman Basins to capture sediment and to prevent down river flooding.
- Funding for the roadside cuttings trial.
- Opportunity to upscale the \$9M LTP Port Hills Erosion Remediation programme.
 - Planting gullies.
 - Remediating hillside outfalls.
 - Reinforcing watercourses.
- Opportunity to look at the entire Port Hills area holistically with partners to improve biodiversity, forest regeneration for carbon sequestration, and reducing erosion and sediment loss.

CSNDC – Stormwater Network

- Council is responsible for stormwater discharges and reducing contaminants entering the waterway receiving environment over the 25 yr life of the consent.
- Council has constructed stormwater basins and wetlands across the city in greenfield and brownfield developments for capturing sediment and other contaminants.
- Housing intensification in the older part of the city is a challenge for there is currently limited options for stormwater treatment.



Subdivisions

CSNDC excludes earthworks >1 ha on the Hills; >5 ha on flat land



CSNDC - Sediment Discharge Management Plan

- Building Consents and Resource Consents to have ESC Plans.
- High risk erosion sites require inspections of ESC measures before earthworks commence.
- Building inspectors required to monitor and enforce ESC compliance – tracking of sediment off site and discharges during rain events.
- Meterological service - receive alerts for when major rain events are forecasted so inspectors and subdivision engineers can warn the industry.

Sediment Survey of Residential Building Sites

- Surveyed 50 sites across the city from Sept 2022 to Feb 2023.
- Many sites had poorly installed ESC measures or failed to maintain them.
- Most sites, at some point during the survey, showed signs of sediment tracking onto the road or sediment loss in rain events.
- We are now going to work with inspectors to determine the best ways to work with building practitioners to significantly improve ESC compliance.



7

Legal Framework around the CSNDC

- ECan is the regulator of the CSNDC and has RMA powers.
- ECan conducts six monthly compliance monitoring reviews of the CSNDC.
- Council is the consent holder but does not have RMA powers to deal with sediment discharges into the stormwater network.
- If Council excluded individual construction sites or all construction sites then ECan could take action on sediment discharges.
- Building companies would need to apply for construction phase stormwater discharge consents with ECan.

National Legislative Changes

- RMA is to be replaced by the Natural and Built Environment Act.
- CSNDC ownership is set to move to the Water Entity in July 2024.
- The Water Entity will want to amend the CSNDC, especially SDMP.
- Water Services Legislation Bill is looking to give Water Entities significant enforcement powers.

Water Services Legislation Bill - Compliance and Enforcement - Offences

Relating to stormwater network

OFFENCE	CONVICTION/ FINES
Knowingly or recklessly connecting to or disconnecting from Stormwater network without authorisation	Fines <\$200,000 or <\$1.5M
Negligently connecting to or disconnecting from stormwater network without authorisation	Fines <\$50,000 or <\$500,000
Knowingly or recklessly engaging in conduct relating to Stormwater network that causes specified serious risk	Imprisonment < 2years Fines <\$75,000 or <\$1.5M
Negligently engaging in conduct relating to stormwater network that causes specified serious risk	Fines <\$100,000 or <\$600,000

Conclusion

- Premature to undertake an external audit of the CSNDC.
- Continue working with ECan and building inspectors to educate and work with building practitioners to significantly improve ESC compliance.
- Recommend Council considers working with partners to develop a Port Hills plan focused on reducing erosion and sediment loss.