



Mackenzie

DISTRICT COUNCIL

Notice is given of an Engineering and Services Committee Meeting to be held on:

Date: Tuesday, 15 February 2022

Time: 9.30am

Location: Zoom

AGENDA

Engineering and Services Committee Meeting

15 February 2022

Note: This meeting will be digitally recorded by the minute-taker and uploaded to YouTube after the meeting.

Engineering and Services Committee Membership:

Stuart Barwood (Chair)

Emily Bradbury

Murray Cox

James Leslie

Anne Munro

Matt Murphy

Graham Smith

The purpose of local government:

(1) The purpose of local government is—

- (a) to enable democratic local decision-making and action by, and on behalf of, communities; and
- (b) to meet the current and future needs of communities for good-quality local infrastructure, local public services, and performance of regulatory functions in a way that is most cost-effective for households and businesses.

(2) In this Act, good-quality, in relation to local infrastructure, local public services, and performance of regulatory functions, means infrastructure, services, and performance that are—

- (a) efficient; and
- (b) effective; and
- (c) appropriate to present and anticipated future circumstances.

(Local Government Act 2002)

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- 1 OPENING**
- 2 APOLOGIES**
- 3 DECLARATIONS OF INTEREST**
- 4 VISITORS**

5 REPORTS

5.1 MINUTES OF ENGINEERING AND SERVICES COMMITTEE MEETING - 16 NOVEMBER 2021

Author: **Arlene Goss, Governance Advisor**

Authoriser:

Attachments: **1. Minutes of Engineering and Services Committee Meeting - 16 November 2021**

RECOMMENDATION

1. That the Minutes of the Engineering and Services Committee Meeting held on Tuesday 16 November 2021 be received and confirmed as an accurate record of the meeting.



Mackenzie

DISTRICT COUNCIL

Unconfirmed MINUTES

**Engineering and Services Committee
Meeting**

16 November 2021

**MINUTES OF MACKENZIE DISTRICT COUNCIL
ENGINEERING AND SERVICES COMMITTEE MEETING
HELD AT THE COUNCIL CHAMBERS, FAIRLIE
ON TUESDAY, 16 NOVEMBER 2021 AT 9.30AM**

PRESENT: Cr Stuart Barwood (Chairperson), Mayor Graham Smith, Deputy Mayor James Leslie, Cr Anne Munro (on Zoom), Cr Murray Cox, Cr Emily Bradbury, Cr Matt Murphy

IN ATTENDANCE: Angela Oosthuizen (Chief Executive - Acting), David Adamson (General Manager Operations - Acting), Paul Numan (General Manager Corporate Services), Alexis Gray (Manager People and Culture), Arlene Goss (Governance Advisor), Chris Clarke (Communications Advisor), Brian Milne (Community Services Officer), Scott McKenzie (Roading Manager), Mike Davies, John Mackie (Engineering Manager – Acting), Angie Taylor (Solid Waste Manager), Keiller MacDuff (Stuff Reporter).

1 OPENING

The chairperson welcomed everyone to the meeting.

2 APOLOGIES

There were no apologies.

3 DECLARATIONS OF INTEREST

There were no declarations of interest.

4 VISITORS

There were no visitors.

5 REPORTS

5.1 MINUTES OF ENGINEERING AND SERVICES COMMITTEE MEETING - 17 AUGUST 2021

COMMITTEE RESOLUTION ENG/2021/22

Moved: Cr Matt Murphy

Seconded: Cr Murray Cox

1. That the Minutes of the Engineering and Services Committee Meeting held on Tuesday 17 August 2021, including those parts taken in public excluded, be received and confirmed as an accurate record of the meeting.

CARRIED

5.2 WASTE MINIMISATION AND MANAGEMENT

This item was deferred until Solid Waste Manager Angie Taylor arrived at the meeting.

Free green waste days were becoming an anticipated part of the gardening year. They were useful for keeping fire risk down, with some people bringing in pine slash.

The introduction of green bins was still on track and awaiting the LTP process to be completed.

Consents for the landfills were progressing with Environment Canterbury. This was a long process.

Cr Barwood asked if the public could be notified of the waste diversion efforts. The figures were looking very good. Covid has had an impact on this but it was still a good result.

5.3 COMMUNITY FACILITIES REPORT

The report gave the committee an overview of activities within the community facilities area, with specific focus on township maintenance works.

Brian Milne took the report as read and said the new Alps2Ocean manager had been appointed and was due to start. Discussion took place on two positions, community services manager and community services officer, to be advertised next week.

Fairlie swimming pool heating is currently working.

Windstorm tree maintenance - Douglas Firs needed to be taken out. This matter needed to go to the community board.

Manmade Hill needed a clean-up. It was a difficult site.

Twizel Youth Centre - No decision has been made on this yet. Cr Bradbury said the community board was keen to work with Sport Twizel. Cr Bradbury updated the councillors on discussions.

Angie Taylor gave an update on the Twizel Events Centre. A project manager had been appointed and work started. Currently working around the bookings and the building was not closed. Some things have needed to be cancelled.

Regarding the appointment of two councillors to the Alps2Ocean group. Cr Bradbury and Cr Murphy volunteered.

Cr Bradbury asked for a workshop to be held regarding progressing the Twizel Youth Centre and Mr Adamson said this would take place in the new year.

COMMITTEE RESOLUTION ENG/2021/23

Moved: Mayor Graham Smith

Seconded: Cr Murray Cox

2. That Councillor Bradbury and Councillor Murphy be appointed to the Alps to Ocean Joint Committee.

CARRIED

5.4 3 WATERS AND FOOTPATH PROJECT UPDATE

David Adamson took the report as read and the following matters were discussed:

Watermains replacement – some contracts had been let and work in Twizel was underway. Tekapo work would start in the new year and Fairlie replacements contract has not been let yet.

Discussion took place on the extension of the wastewater system in Fairlie to better serve the industrial area, and planned work in Tekapo that needed to be coordinated.

There were difficulties with finding bitumen at the moment.

Council was holding up the Tekapo School project to improve car parking, and communication was needed. Mr Adamson outlined the difficulties with finding a contractor and bitumen to progress in this area.

5.5 THREE WATERS STIMULUS GRANT PROGRAMME UPDATE

David Adamson introduced John Mackie who was in the meeting.

This programme has been extended out until the end of June. He was on track to deliver this \$5.1million programme. Contracts had been let including two in the last fortnight. There would be a lot of activity on the ground.

The shortage of resources shouldn't be ignored as it was impacting across the country, so we needed to do the best we can with what was available.

The chief executive asked for staff to work with the finance team to ensure the money was available to spend when required. This money could not be rolled over into the next financial year.

Mike Davies would be retiring at the end of the year and a replacement would be found.

5.6 ENGINEERING MANAGER'S REPORT

This report was written by John Mackie, Acting Engineering Manager. It was to update the Engineering and Services Committee on the progress of various projects and the normal operation of the department for the past month.

John Mackie spoke to his report. Scott McKenzie joined the meeting and said he wanted to acknowledge the work that had been done by Whitestone in the transition of the roading contract.

An apology was received from Utilities Manager Geoff Horler who was working out of the office.

There was a lot of disruption of the road corridor with things like fibre installation and water pipes. There had been some complaints regarding reinstatement of the berm and these were passed to Chorus who were mainly involved.

Fulton Hogan would attend the next round of community board meetings in December.

COMMITTEE RESOLUTION ENG/2021/24

Moved: Cr Stuart Barwood

Seconded: Cr Matt Murphy

2. That a letter of appreciation, signed by the Mayor, be extended to Whitestone Contractors Ltd in recognition of their many years of service as Council's principal roading maintenance contractor.

CARRIED

The Meeting closed at 10.56am.

The minutes of this meeting were confirmed at the Engineering and Services Committee Meeting held on .

.....




CHAIRPERSON

5.2 COMMUNITY FACILITIES AND SERVICES OPERATIONS REPORT

Author: Brian Milne, Community Facilities and Services Officer - Contractor

Authoriser: David Adamson, General Manager Operations - Acting

Attachments:

1. New Public Toilet Designs [↓](#) 
2. Parks and Community Facilities Strategy Feedback Report [↓](#) 
3. Township Contract Auditing [↓](#) 

PURPOSE OF REPORT

The report gives the committee an overview of activities within the community facilities area, with specific focus on township maintenance works.

STAFF RECOMMENDATIONS

1. That the Community Facilities and Services Operations report be received.

HEALTH AND SAFETY

Township maintenance works are inherently high risk and involve work outside, with machinery, often working by themselves and exposure to multiple hazards.

Staff and contractors continue to monitor H&S requirements as part of the monthly performance audits plus casual observation of staff and work practices at other times.

No issues with health and safety practices have been observed over the last 2 months.

Whitestone Contracting have raised a safety concern with working on a steep bank on a reserve adjoining Aorangi Tce, Tekapo. A possible solution was proposed to the Tekapo Community Board and they have requested a site meeting to discuss concerns and options further.

The A20 trail along the east side of Lake Pukaki generates a high frequency of accidents (cycle rider falls) of varying severity. This relates to both the Hayman Road section and also the section from Jollies carpark to the Helicopter landing point (see item later in report).

TOWNSHIP MAINTENANCE CONTRACT

The township maintenance contract is continuing to operate effectively with good levels of performance overall. The unusually wet spring and early summer has created challenges to keep up with grass mowing and ongoing garden weed growth.

The summary of performance audits and reporting is provided in the attached chart.

POOL MANAGEMENT

The operation of the Fairlie and Twizel pools by new contractor Belgravia, is progressing well. Informal community feedback has generally been positive and they have recently commenced the formal customer satisfaction surveys, the results of which will be reported to the next meeting.

POOL HEATING

Four tenders were received for the pool heating project, and we are currently in negotiation with the preferred supplier to finalise the contract.

Timeframe for delivery is June 2022.

TREE MAINTENANCE

Procurement documents for the maintenance work on the Peace Trees and programme of Pine and Douglas Fir removal in the cemeteries is currently being prepared and will be progressed over the coming months.

ALPS 2 OCEAN (A2O)

The new Trail Manager, Robyn Hyde has recently commenced duties and is currently undertaking an induction and handover process with the interim manager. We will arrange a time for Robyn to meet with Council. She will be living in Oamaru and predominantly working from the Waitaki District Council office, but arrangements will be made for her to spend some time each month in one of the MDC offices.

An inspection of the upper section of the trail from Jollies Carpark to the helicopter crossing landing point was undertaken in January following two serious injuries on this section. This section is significantly below the expected standard of a Great Rides Trail and receives significant negative feedback from riders and tour operators. The section poses several environmental challenges, but immediate improvements could be made for a relatively small investment, however the current A2O budget is insufficient to undertake anything more than basic maintenance.

TWIZEL EVENTS CENTRE

Work is progressing on the rectification and improvement works of the Twizel Events Centre to achieve Building Code compliance. An update on progress to date will be provided at the meeting.

MBIE TIF PROJECTS

A contract has been let to Carpentry South, utilising prefabricated Exeloo toilet units for the new toilets at Fairlie, Lake Pukaki Lookout and Lake Ruataniwha.

The design plans for each of these sites is included as Attachment 1.

The time frame is for the new toilets to be completed by June 2022.

Options for the location of the Fairlie Camper effluent dump station continue to be investigated in conjunction with the Fairlie Community Board.

CAPITAL DEVELOPMENT PROJECTS

A number of projects are also underway within the Open Spaces area. A brief update on some key projects is listed below:

1. Maukatua Reserve (D'Archiac Dr) Tekapo

The contract for the development of this park has been awarded to Whitestone Contracting Limited and work commenced in January with projected completion in March/April 2022.

2. Ohau Rd Reserve Twizel

The Twizel Community Board has approved a draft concept design plan for the reserve, with the next stage being community consultation.

The works primarily include extensive tree planting, shrub/tussock planting of the bunds along the shared path, a small playground and picnic facilities located to the west off Jack Adamson Drive and a pathway linking from the shared path to the playground area.

3. Tekapo Lake Front Path and Other Improvements

Plans have now been approved by the Tekapo Community Board and procurement documentation is being prepared by the project manager Boffa Miskell. Projected completion is May/June 2022.

4. Other Tekapo Projects

- Landscaping of a small traffic Island on Rapuwai Lane outside the tavern
- Installation of cycle stands in 5 locations around the town centre

4. Fairlie Projects

- Installation of Cycle stands in the median island opposite the supermarket
- Dog Park – Options for the location of the proposed dog park are being explored in conjunction with the Fairlie Community Board
- Cemetery – Renewal of landscaping in the RSA “circle”

PARKS AND COMMUNITY FACILITIES STRATEGY

Following completion of the draft strategy we invited the community to provide feedback via the Let's Talk platform. More than 26 visited the website and 8 responded.

Their comments and proposed changes to the strategy in response to this feedback is included as Attachment 2.

The Committee is requested to consider and discuss this feedback and confirm or amend the proposed changes to the strategy.

It is also proposed to make some technical changes to some of the terminology and structure of the parks categories and levels of service sections to simplify and ensure consistency of terms used.

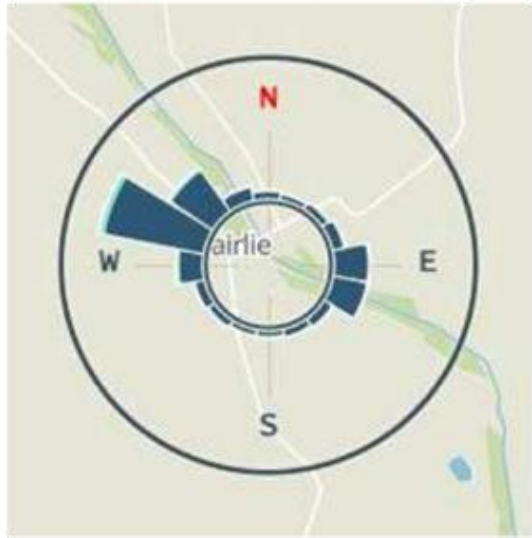
Following this, staff and the consultants will work to update and prepare the strategy for final approval and adoption at the next Services Committee meeting.

CONCLUSION

Staff continue to be heavily engaged ensuring operational and customer service requirements are effectively managed while also overseeing the delivery of capital projects and other planned maintenance and improvement projects.



Proposed Concept - 3D Visualisation



Prevailing Wind - Fairlie

SPECIFICATION:
Exeloo Toilets - roof included (2x of 4 pan blocks)
Stone cladding (2x blocks = 76sqm) and paving (65sqm)
Steel canopy structure CHS (150-170mm dia)
Thermospan 150mm roofing (max span 4m for 2kpa)
Custom curved rolled gutter
St.st. woven mesh, fitted over CHS posts (from stone cladding to soffit)
Stone clad free standing basins 2x

Interior Integrated Poetry Display
To be selected - in consultation with clients

NOTE:
Actual siting of building to be confirmed
Landscaping & planting options shown are indicative TBC

Refer to page 2 for further drawings and specifications



Proposed Site Plan
1 : 1000

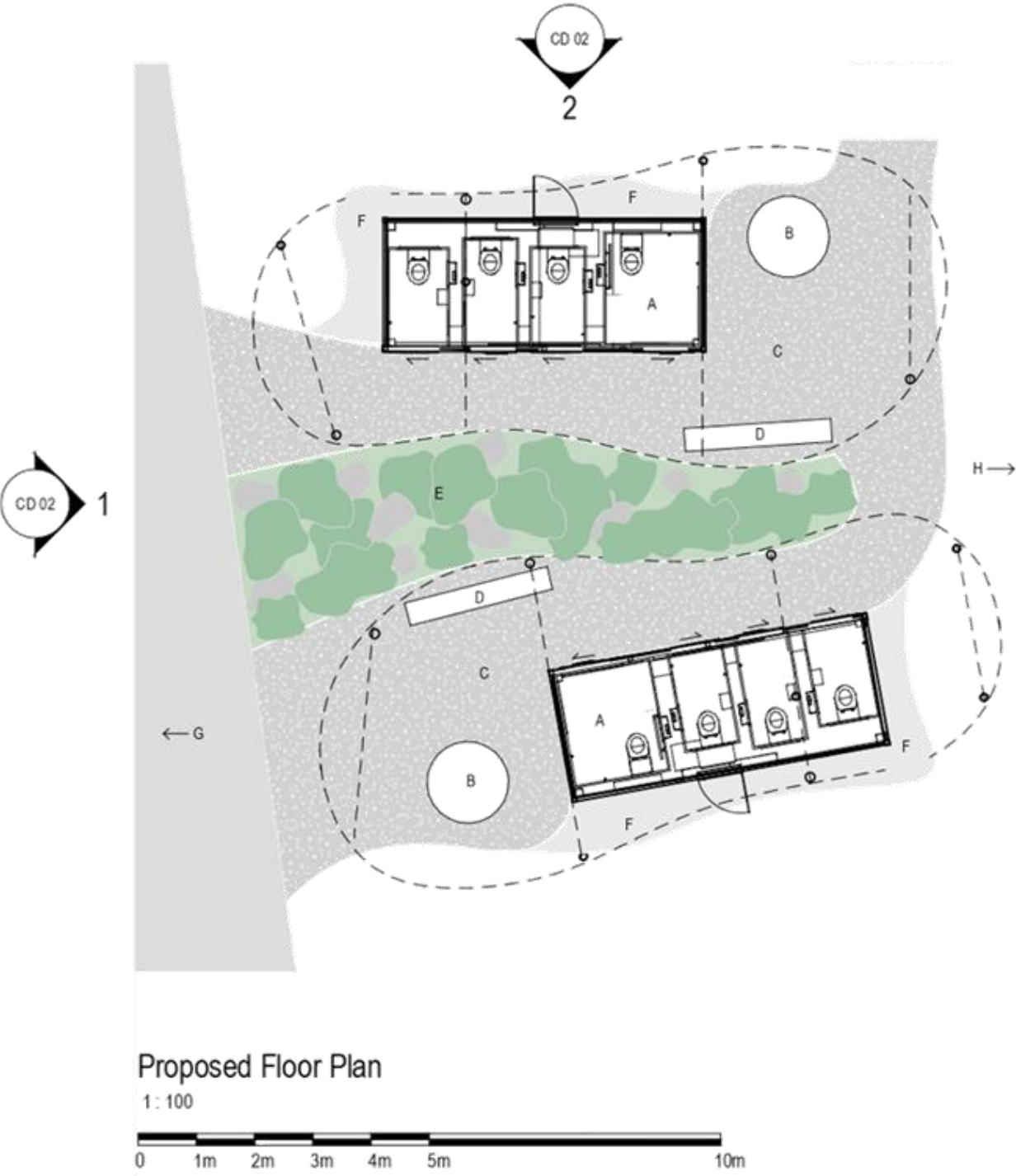


Fairlie Park Amenities
Client **Mackenzie District Council**
Job # -

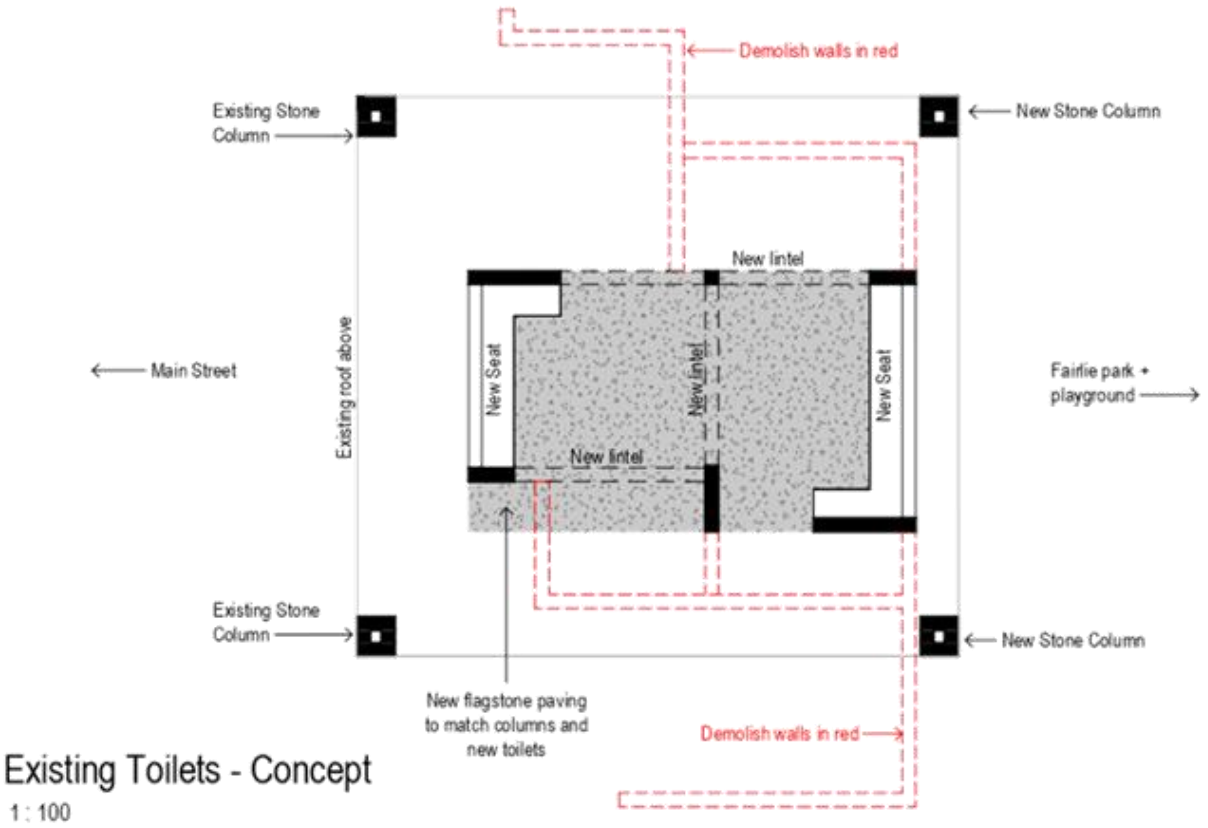
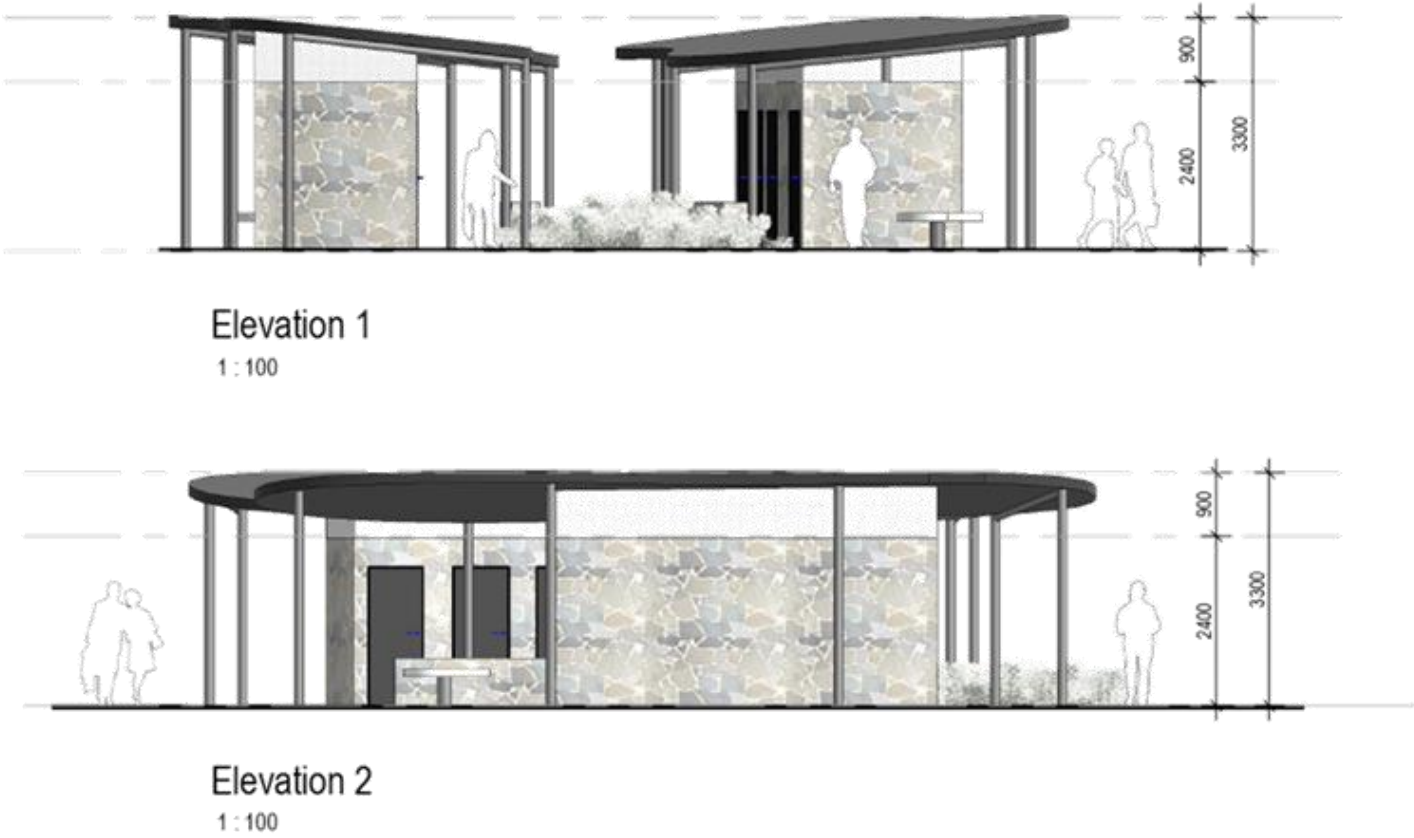
Drawing **Concept Overview**
Scale **1 : 1000**
Drawing no **CD 01**

Issue **1**
Stage **RFP**
Date **16/12/2021**





- KEY:**
- A: 4 unisex toilets (1 accessible)
 - B: shelter seating area
 - C: flagstone hardstand/path
 - D: Basins
 - E: new low level low maintenance planting
 - F: Gravel rip rap with dispersed flagstone paving
 - G: Car park + Main Street
 - H: Fairlie Park
- NOTE:**
- Actual siting of building to be confirmed
 - Low level landscaping & planting confirmed on site



Fairlie Park Amenities
Client **Mackenzie District Council**
Job # -

Drawing **Concept Drawings Details**
Scale **1 : 100**
Drawing no **CD 02**
Issue **1**
Stage **RFP**
Date **16/12/2021**





Proposed Site Plan

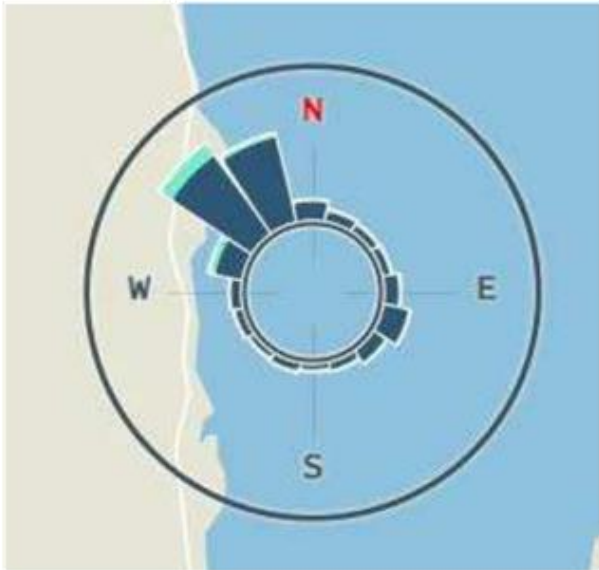
1 : 250

KEY:

- A: 4 unisex toilets (1 accessible)
- B: 2 unisex toilets (1 accessible)
- C: shelter seating area
- D: concrete hardstand/path
- E: 5 custom steel & timber bike stands
- F: new low level planting
- G: rock retaining mound
- H: rock soak pit for roof water
- I: existing female toilets
- J: existing male toilets & urinal
- K: existing cleaners cupboard (sink & HWC)
- L: existing grassed pedestrian area
- M: existing information kiosk
- N: car park

NOTE:

- Actual siting of building to be confirmed
- Low level landscaping & planting confirmed on site



Prevailing wind map - Lake Pukaki



Lake Pukaki Amenities

Client Mackenzie District Council

Job # -

Drawing Concept Overview

Scale 1 : 250

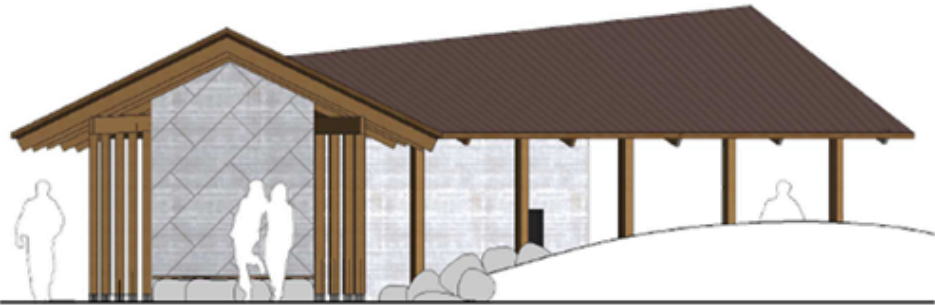
Drawing no CD 01

Issue 1

Stage RFP

Date 16/12/21

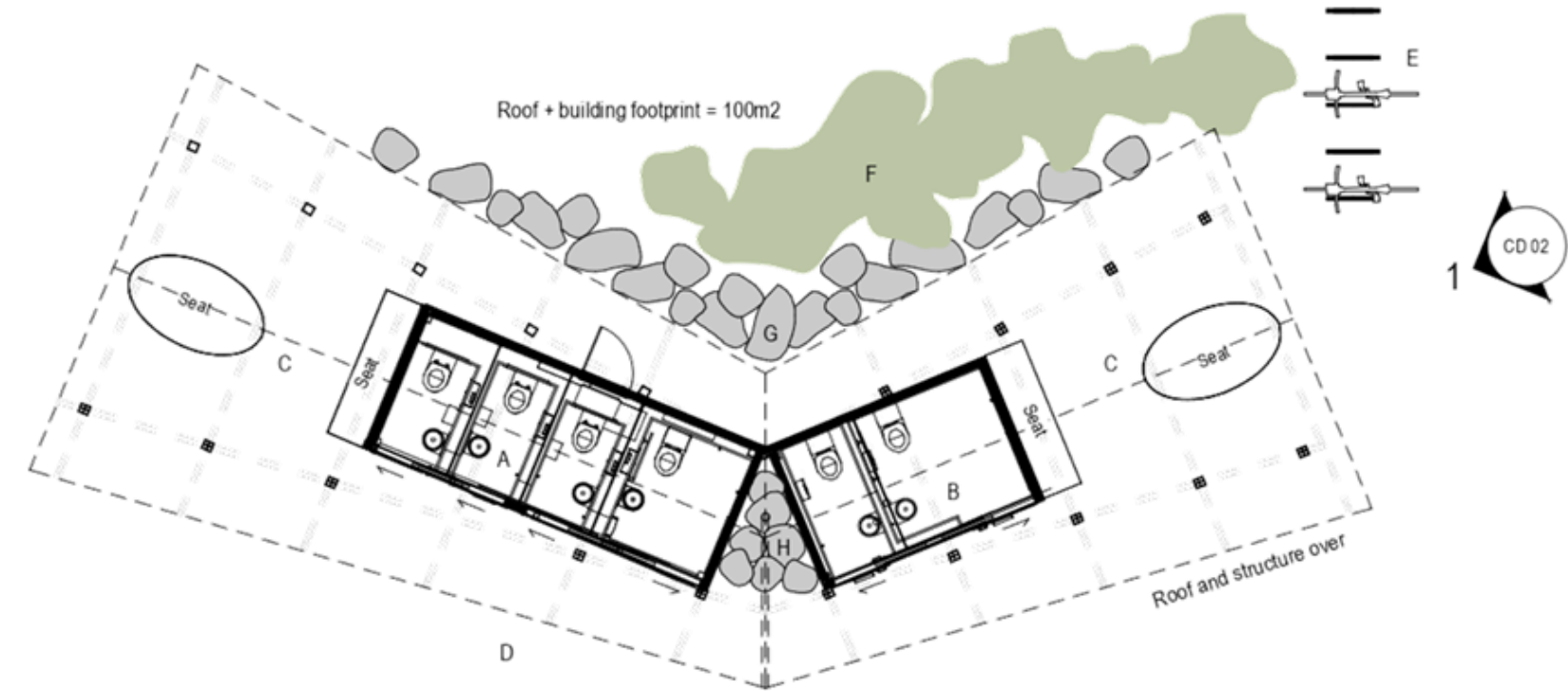




East Elevation
1 : 100



South Elevation
1 : 100



Proposed Plan
1 : 100

SPECIFICATION

New Amenities

- A: 4 unisex toilets (1 accessible)
- B: 2 unisex toilets (1 accessible)
- C: shelter seating area
- D: decorative concrete hardstand/path
- E: 5 custom steel & timber bike stands
- F: new low level planting
 - endemic, climate hardened plants to later spec
- G: rock retaining mound
- H: rock soak pit for roof water
 - locally sourced rocks to match existing Kiosk

- Roof & Structure: custom folded tray roof, downpipes and gutters to match, glulam beams, lintels, columns, concealed galv. steel connections
- Walls and cladding: Self finishing Cladding (Swiss Pearl or similar) on rail system, on rigid sheathing and wrap, on steel framing, interior sheathing, tiled finish with custom poetry tiles
- Floor coverings, Slab and foundations: tiled floors, prefab concrete slab, site specific foundations
- Toilet fittings: all high quality stainless steel (refer proposal spec)
- Concrete hardstand / path: through coloured reinforced concrete with climatic suitable decorative finish
- Lighting: Exterior grade, Low energy LED

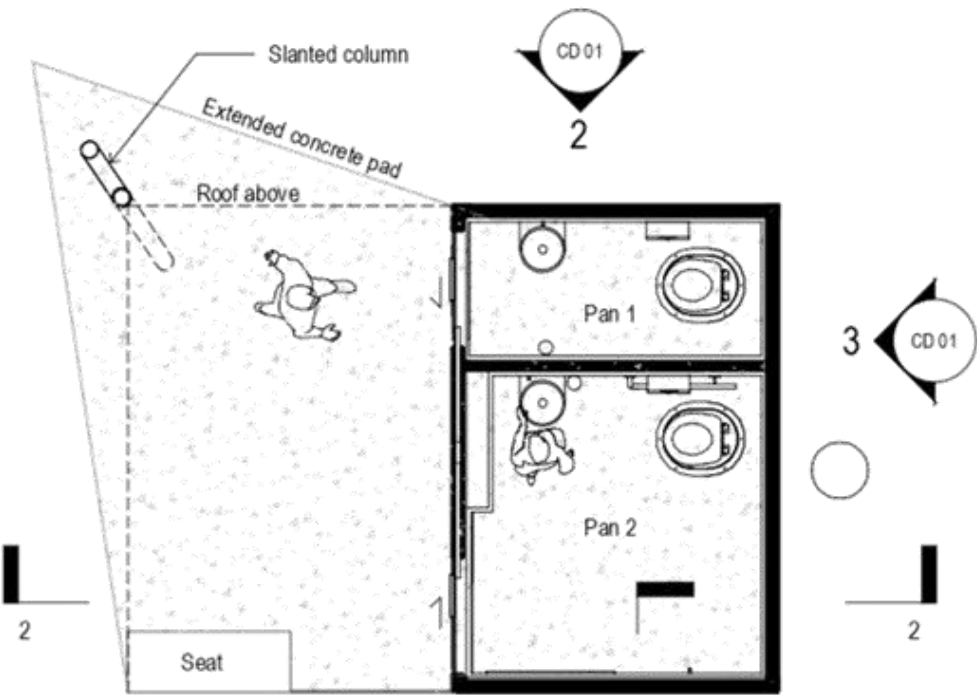


Lake Pukaki Amenities
Client **Mackenzie District Council**
Job # **-**

Drawing **Concept Detail**
Scale **1 : 100**
Drawing no **CD 02**

Issue **1**
Stage **RFP**
Date **16/12/2021**



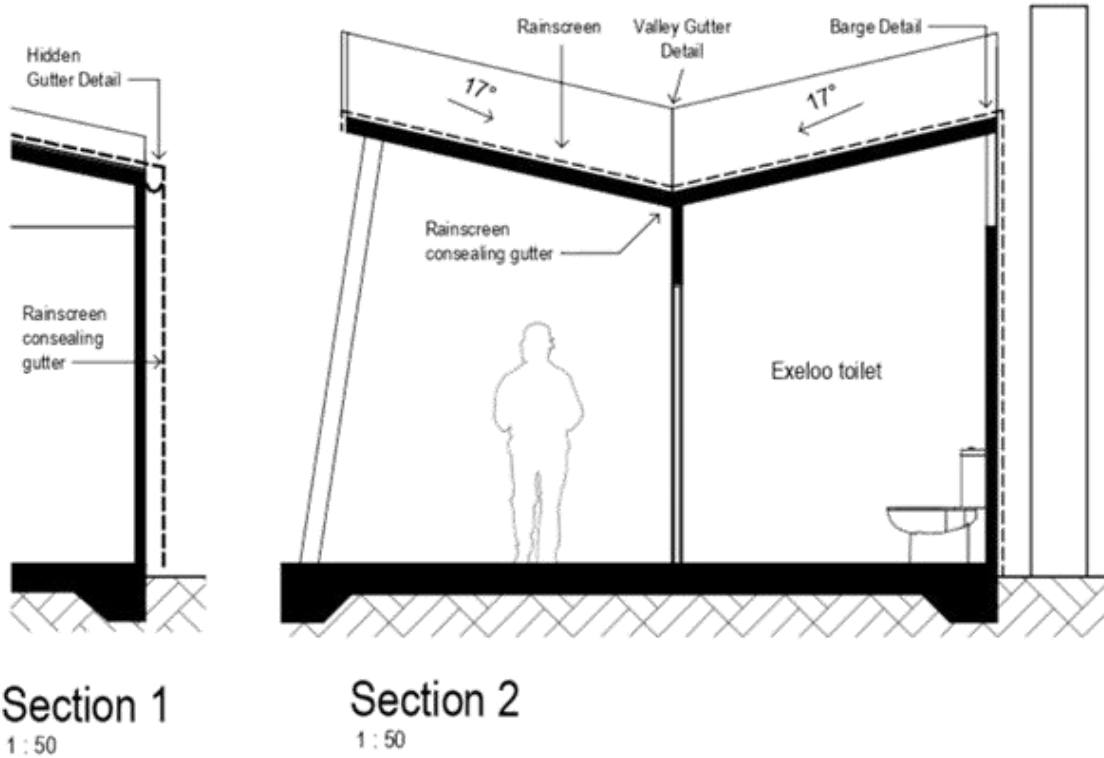
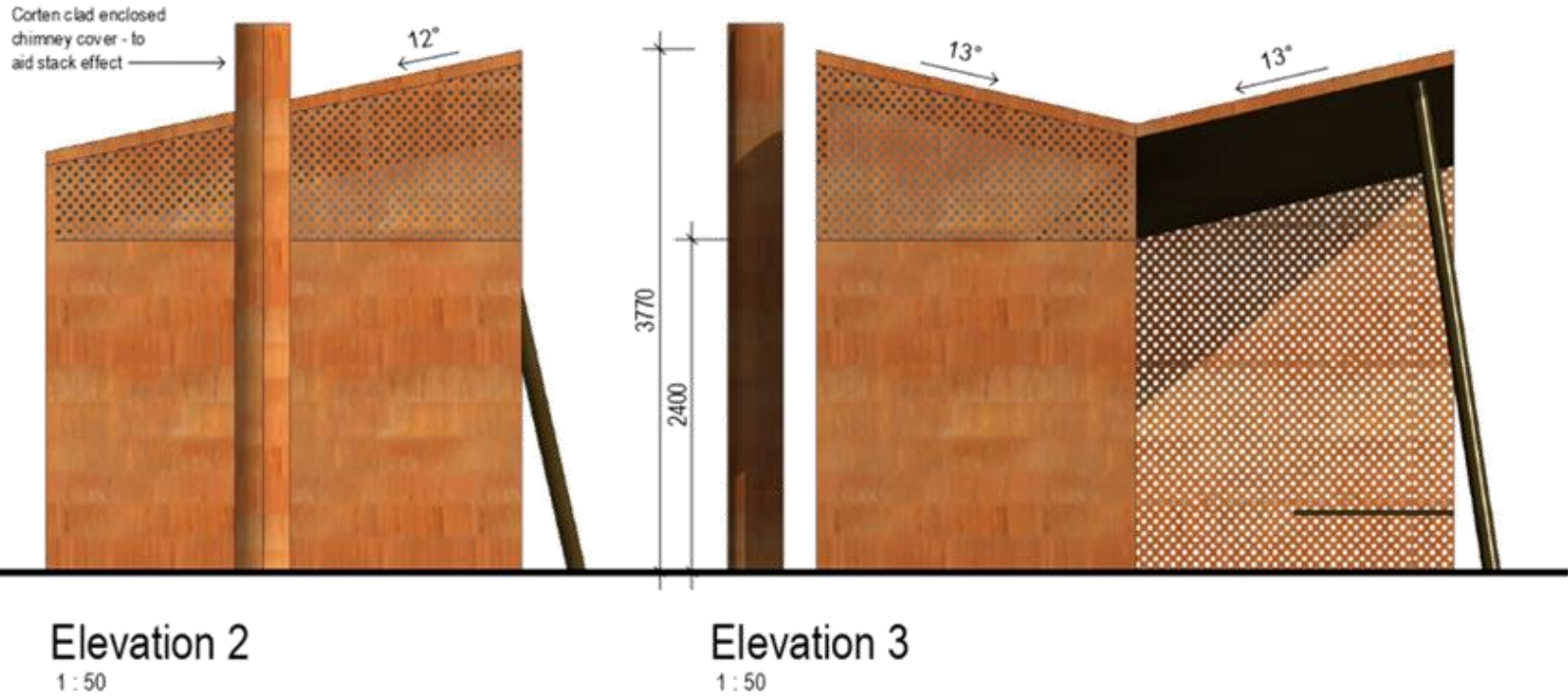


Proposed - Floor Plan
1 : 50



SPECIFICATION (2x toilets)
Exeloo prefab component - incl. 90 SHS corner and intermediate post to skillion thermospan roof and gutter.
Corten 1.2mm or 3mm rainscreen roof and cladding on folded st.st. Z rail battens (37m2)
Corten 1.2mm or 3mm perforated screen (12m2). Perf. screen forming seat with timber overlay.
Brushed bronze 0.7mm sheet metal alcove and soffit (15m2). Low reflectivity.
Slanted steel column
Concrete slab exposed aggregate (9m2 - excluding toilet slab)
Allow 1x exterior light
Interior - custom tiles with local poetry displayed

NOTE:
Actual site position and orientation of building to be confirmed



Lake Ruataniwha Amenities 2x
Client Mackenzie District Council
Job # -

Drawing Concept Overview + Details
Scale 1 : 50
Drawing no CD 01
Issue 1
Stage RFP
Date 16/12/21





Mackenzie District Parks and Trails Draft Strategy

Engagement summary report

Prepared for Mackenzie District Council

Prepared by Beca Limited

21 January 2022



Creative people together transforming our world

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Appendices

Appendix A: Feedback

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Revision History

Revision N°	Prepared By	Description	Date
1.0	Rachel Mayall		21 January 2022

Document Acceptance

Action	Name	Signed	Date
Prepared by	Rachel Mayall		21 January 2022
Reviewed by	Michael Flyger	MF	3 February 2022
Approved by	Emily Cambridge		3 February 2022
on behalf of	Beca Limited		

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Executive Summary

The Mackenzie District has many local parks, playgrounds, trails and public toilets for locals and visitors to enjoy. They play a big part in what makes the area a great place to live and visit.

Mackenzie District Council (MDC) know however that there are several underdeveloped recreation spaces and that many of the trails have developed organically over time. Some of these trails are also not well-known or well signposted. By providing more connections, seating, shade or facilities like water fountains, furniture and toilets, these spaces could be made even better.

If the parks, trails, playgrounds and public toilets were improved, locals and visitors would want to use these places more often.

It is for this reason MDC developed the Mackenzie District Parks and Amenities Strategy. Following consultation with stakeholders and the community to determine what was important to them, in December 2021, we then invited them to provide feedback on the draft Mackenzie District Parks and Amenities Strategy.

More than 26 people visited the website and 8 responded to the survey. MDC heard:

- there are a number of projects the community would like to see added as priorities
- accessibility and safety are key drivers
- partnering with local organisations will drive better decision-making and outcomes
- there was a request to better understand how the priorities were arrived at and what work will be done with the community boards in this space
- the strategy needs to address the financial implications / funding going forward
- a clearer understanding of how environmental and biodiversity outcomes will be implemented is needed
- underlying concerns of accessibility and safety

Priority	Summary
Goals, objectives and priorities	General support for goals and objectives. Some requests for changes to priorities and further work needed with community boards to refine.
Trails	There was support for additional MDC resource to facilitate and drive improvements. Respondents felt the general objectives are good, but more specifics are required. Priority needs to be given to the Fairlie Trail development, Alps 2 Ocean off-roading and Twizel greenways improvements and expansion.
Toilets	Respondents supported expansion of Twizel Market Place and additional toilets to support trail network development.
Playgrounds	Accessibility and safety standards are a concern. Respondents support the development of Tekapo Domain and Twizel Market Place playground, but indicated it needs to be delivered sooner. Include playgrounds for smaller towns (specifically Burkes Pass).
Parks	Respondents felt that sports and recreation facility needs have not been well addressed. Biodiversity objectives and actions need improvement, as do cultural and heritage parks. Exercise equipment in Twizel needs consideration.

Next steps

MDC has analysed the feedback and used this to refine its recommendations. As a next step, the Plan will be finalised and issued to Council for endorsement and implementation.

1 Introduction

1.1 The draft strategy

In early 2021, MDC asked the local community and stakeholders how they and the people in their community currently use the existing parks, trails, playgrounds and public toilets in the Mackenzie District, what they liked about them, and what they thought was missing.

MDC used these insights and the feedback from stakeholders to develop a strategy that sets out what they will do to improve the region's parks, playgrounds, trails, and public toilets in the Mackenzie District, including those communities outside of the main townships, over the next 10 to 20 years.

The strategy outlines:

- The priorities and goals
- The framework for decision-making
- The level of investment needed
- A priority plan for the delivery each of identified projects

MDC will also use the strategy to guide investment through the Long-Term Plan, annual budgets and the Land Development Fund.

1.2 What MDC sought feedback on

MDC shared the draft strategy and asked the community:

- Do you think our strategy goes far enough to realise the potential of our parks and amenities?
- What do you think about our recommendations overall?
- What do you think about our recommendations for playgrounds?
- What do you think about our recommendations for public toilets?
- Are there any projects missing?
- Are the priorities right?
- Is there anything else you'd like to tell us about the draft Parks & Amenities Strategy?

2 Feedback activities

2.1 Targeted stakeholder engagement

At the beginning of the project, the strategy team held three stakeholder workshop sessions in each township to listen to the stakeholder and community group leaders. The strategy team and stakeholders discussed:

- desired community outcomes for parks and amenities in each township;
- barriers to recreation in the Mackenzie District;
- what was missing in the existing parks and amenities network;
- balancing the needs of the local community and visitors to the area; and,
- future action planning.

Table 1 Key community outcomes identified by Mackenzie District Council members and key stakeholders and during Stakeholder workshops (April 2021).

Twizel, Tekapo and Fairlie	
Social connection Meeting Places	Easy access which is all inclusive
Enjoyment and relaxation	Quality to encourage more people to stay
Facilities for all ages and abilities	Promote walking and cycling towns
Diversity of activities	Enhanced safety for all users
Connectivity between facilities	Enriching the experience of the place
Easy access – all inclusive	Facilities that are part of the landscape
Community health/healthy lifestyle	Collaboration between organisations
Promote participation	Community led projects – sense of ownership and pride
Activities that present a challenge	Opportunities for a range of activities and new activities
Facilities that match and highlight unique characteristics of the environment	Flexible and open to change & multi-use
Storytelling and information (iwi narrative)	Adventure destination
Good facilities for both community and tourists	Quality and pride in the places

These conversations, together with the identified community outcomes, were woven into the Strategy document. The desired outcomes (Table 1) were used to inform the Strategy development including the priority areas. During the action planning phase of the sessions, several projects were also identified and are included in the priority list of projects.

2.2 Public engagement

To create awareness and promote participation, MDC:

- created a [Let's Talk | Kōrero Mai Mackenzie](#) page to gather feedback
- created a one-page summary of the strategy
- published an advertisement in The Courier
- included a summary in the Mackenzie Messenger
- published two posts on the MDC Facebook page
- published a notice on MDC's [website](#)

3 What we heard

3.1 Key themes

To realise the potential of Mackenzie's parks, playgrounds, trails and public toilets, respondents told MDC:

3.1.1 trails

- consider expanding the greenway network in Twizel to include the new subdivisions
- the Twizel Greenway walkways has sections of concrete which has sunk
- the width of the pathways are not suitable for disabled access
- they agreed with the concept of an MDC trail manager to facilitate community groups efforts
- Fairlie Trails need upgrading
- the strategy should consider including a bridge over the Ōpihi River to connect trails with the Dog Park
- consider Tekapo Trails around town and connectivity to the regional park and Mt John
- funding to complete the off-road of the Alps 2 Ocean Cycle Trail, in particular East Pukaki and Lake Ōhau canal road, needs to be highlighted as priority

3.1.2 play

- the Twizel Market Place playground should be upgraded to make it more accessible and safer
- the timeframe for the Twizel Marketplace upgrade is too long
- agreement that playgrounds need to be updated (including the Tekapo Playground on the domain)
- the safety standards of existing playgrounds should be checked and brought up to standard before any new playgrounds are developed
- disagree that small townships such as Burkes Pass could not have some playground equipment

3.1.3 sports, recreation and parks

- consider placing free exercise equipment in Twizel, as has been recommended for Fairlie and Tekapo
- consideration needs to be given to the Twizel Youth Centre which requires maintenance
- the strategy should reflect what sports are new and could be developed in the future for Fairlie
- the region needs an all-year round swimming pool and other facilities for tennis and basketball
- the proposed sports building to replace the pavilion in Twizel requires urgency
- consider the grounds of St Patrick's Church and the Burke's Pass Cemetery as a cultural heritage park
- nature parks and cultural heritage parks are limited in the area

3.1.4 public toilets

- the Twizel Marketplace toilets need increased capacity
- recommendations need to reflect the future expansion of trails around the current towns
- support the recommendation for toilets at Lake Ruataniwha however concerned with capacity
- recommend the proposal includes toilets for the Fairlie trails

3.1.5 environment

- considerations need to be made as to how the region's flora and fauna can be experienced without significant travel or commercial expenses
- some existing reserves require maintenance (including the small reserve on the west side of the Ōpihi River at Burkes Pass off the Rollesby Road and the cemetery reserve at Burkes Pass)
- priority needs to be given to weed and pest control as well as biodiversity and planting
- there is no mention of the Upper Ōpihi River reserve project (native revegetation of the existing small reserve with associated track connecting Rollesby road and the church via Burgess Creek)

4 Responding to community feedback

4.1 Parks Strategy key themes

Feedback themes	Response and action
<ul style="list-style-type: none"> consider placing free exercise equipment in Twizel, as has been recommended for Fairlie and Tekapo 	Appropriate location and placement of free exercise equipment will be considered in all townships
<ul style="list-style-type: none"> consideration needs to be given to the Twizel Youth Centre which requires maintenance 	No change to the Strategy. Consideration to the Twizel Youth Centre has been provided for in the long-term actions of the Strategy
<ul style="list-style-type: none"> the strategy should reflect what sports are new and could be developed in the future for Fairlie the region needs an all-year round swimming pool and other facilities for tennis and basketball 	A sports field provision study for Twizel and Tekapo has been proposed as a short-term action. Fairlie will be added to this assessment to identify if the current provision responds to what is desired by the community i.e., swimming pools, tennis and basketball courts
<ul style="list-style-type: none"> the proposed sports building to replace the pavilion in Twizel requires urgency 	No change to the Strategy. Sports facilities will be explored as part of the medium-term priority action 'Consider location for Twizel sports fields and adjacent indoor facility and youth centre
<ul style="list-style-type: none"> consider the grounds of St Patrick's Church and the Burke's Pass Cemetery as a cultural heritage park nature parks and cultural heritage parks are limited in the area 	St Patricks Church is not owned by MDC however, Burke's Pass Cemetery will be added to the assessment as it is recognised as a cultural heritage park under the NZRA (New Zealand Recreation Association) Assessment Guidelines in order to continue to maintain them to their purpose and support and recognise cultural heritage in the district

4.2 Trails Strategy key themes

Feedback themes	Response and action
<ul style="list-style-type: none"> consider expanding the greenway network in Twizel to include the new subdivisions 	No change to the Strategy: This will be explored as part of the Twizel connectivity plan
<ul style="list-style-type: none"> the Twizel Greenway walkways has sections of concrete which has sunk 	No change to the Strategy: This will be explored and expanded as part of the Twizel connectivity plan
<ul style="list-style-type: none"> the width of the pathways are not suitable for disabled access 	No change to the Strategy: Paths will be upgraded to meet standards referred to in the Strategy as part of future renewal and improvement works over time. The connectivity plans will identify priority areas for improving disabled access and widths
<ul style="list-style-type: none"> they agreed with the concept of an MDC trail manager to facilitate community groups efforts 	No change to the Strategy
<ul style="list-style-type: none"> Fairlie Trails need upgrading 	No change to the strategy: Fairlie River Trail is identified within the medium term list of projects.
<ul style="list-style-type: none"> the strategy should consider including a bridge over the Ōpihi River to connect trails with the Dog Park 	No change to the Strategy: this is identified within the Trails project list. There is an opportunity for

	this project to be implemented in partnership with Waka Kotahi
<ul style="list-style-type: none"> consider Tekapo Trails around town and connectivity to the regional park and Mt John 	Change terminology for consistency – Change Tekapo trails plan to ' <i>Tekapo Connectivity plan</i> '
<ul style="list-style-type: none"> funding to complete the off-road of the Alps 2 Ocean Cycle Trail, in particular East Pukaki and Lake Ōhau canal road, needs to be highlighted as priority 	Priority to be added to Short term – partnership funding opportunities for this trail are being explored in parallel

4.3 Play Strategy key themes

Feedback themes	Response and action
<ul style="list-style-type: none"> the Twizel Market Place playground should be upgraded to make it more accessible and safer 	The Play Strategy recommends "that further fencing is to be added to address concerns of road safety". Also, the "pea gravel should be replaced with rubber pour safety surfacing for improved accessibility". No change.
<ul style="list-style-type: none"> the timeframe for the Twizel Marketplace upgrade is too long 	The timeframe for the Twizel Marketplace playground upgrade will be changed from Medium Term (4-7 years) to Short Term priority (1-3 years).
<ul style="list-style-type: none"> agreement that playgrounds need to be updated (including the Tekapo Playground on the domain) 	General support from the community for improvement to the existing playgrounds in the District.
<ul style="list-style-type: none"> the safety standards of existing playgrounds should be checked and brought up to standard before any new playgrounds are developed 	Playgrounds are currently inspected for safety by a qualified person on a monthly basis. The audit completed for the Strategy focussed on performance (such as play value) and condition.
<ul style="list-style-type: none"> disagree that small townships such as Burkes Pass could not have some playground equipment 	Demand is low given population and visiting families stopping here therefore investment into play equipment by Council is not justified. No change.

4.4 Public Toilets Strategy key themes

Feedback themes	Response and action
<ul style="list-style-type: none"> the Twizel Marketplace toilets need increased capacity 	It is programmed to increase the Twizel Marketplace public toilets in the Medium Term (4 – 7 years). No change to Strategy.
<ul style="list-style-type: none"> recommendations need to reflect the future expansion of trails around the current towns 	This can be added as a consideration to monitor use and the requirement for a toilet on the popular trails.
<ul style="list-style-type: none"> support the recommendation for toilets at Lake Ruataniwha however concerned with capacity 	Currently installing two new toilet cubicles and recognise capacity will likely need to be expanded when visitation increases after development. Add to Strategy that further capacity may be required for Lake Ruataniwha in the future.
<ul style="list-style-type: none"> recommend the proposal includes toilets for the Fairlie trails 	As above comment re expansion of trails, 'monitoring of use and the requirement for a toilet on the popular trails' will be added into the Public Toilet Strategy.

4.5 Environmental key themes

Feedback themes	Response and action
<ul style="list-style-type: none"> some existing reserves require maintenance (including the small reserve on the west side of the Ōpihi River at Burkes Pass off the Rollesby Road and the cemetery reserve at Burkes Pass) 	Our current focus is on the developed and maintenance of areas which are already managed and maintained by Council. We will consider looking at other new areas in the future
<ul style="list-style-type: none"> priority needs to be given to weed and pest control as well as biodiversity and planting 	<p>The strategy has acknowledged the importance of planting to support more native planting and increased biodiversity. Existing action will be expanded to include "Produce a plan that identifies locations that provide opportunities for implementation of 5000 trees and plants a year i.e. understorey planting, river corridor planting and amenity planting"</p> <p>Existing goal to be amended to include reference to biodiversity i.e., "Provide new areas of planting that respond to the ecological zone of each place and increase the local biodiversity of the area"</p>
<ul style="list-style-type: none"> there is no mention of the Upper Ōpihi River reserve project (native revegetation of the existing small reserve with associated track connecting Rollesby road and the church via Burgess Creek) 	It has been acknowledged in the strategy that the Ōpihi River required immediate maintenance. This site will be added into the strategy as a recommendation to potentially be part of a native corridor as included below.
<ul style="list-style-type: none"> considerations need to be made as to how the region's flora and fauna can be experienced without significant travel or commercial expenses 	Recommendation to be added to the strategy to include the possibility of a native corridor to enhance the biodiversity of existing open spaces in the region i.e. Twizel Greenways, Twizel Greenway and Lake Ohau to Lake Ruataniwha, Ōpihi River (this will connect into the Twizel Connectivity Plan.

A

Appendix A: Feedback



Feedback

4.5.1 Do you think our strategy goes far enough to realise the potential of our parks and amenities?

No. Although the strategy principally deals with parks, playgrounds, trails and public toilets I think to be able to integrate these areas properly and develop meaningful solutions it should have been all encompassing looking at the full suite of recreation activities including sports grounds and sports facilities and camping grounds (not freedom camping). Also doesn't recognise the role of roading in aligning tracks or access. It doesn't also seem to recognise the relationship with DOC Recreation facilities and Environment Canterbury (Regional park) and how these can be integrated to provide for the complete suite of activities. It doesn't mention any partnerships other than with a few small players.

No. It should also consider expanding the Greenway network in Twizel to include new subdivisions. It also does not appear to address legal requirements such as the surface of the Twizel Market Place playground. The Twizel Youth centre is also not mentioned. Given that the Council has not completed maintenance on this building it has fallen into disrepair and is currently unusable.

The vision and key principles are good particularly putting the environment first. The stats about international visitors and tourism data are now out of date since covid and are unlikely to return to previous proportions so the premise of what attracts local visitors compared with international visitors has possibly changed. The goals are also sound and particularly the selection of plants and materials according to their ecological region, however there is a significant lack in use of local ecologically sourced vegetation and areas of natural and native vegetation in our parks and reserves to support biodiversity.

There are significant limitations to accessibility to experience our unique flora and fauna easily in the townships and surrounding areas without needing significant travel/commercial experiences on private land e.g. the Opihi, our major river through Burkes Pass and Fairlie is choked with weeds such as willow, old man's beard, broom and gorse. Nature parks and cultural heritage parks are very thin on the ground. Existing reserves lie abandoned to weeds with no access or amenity value e.g. the small reserve on the west side of the Opihi river at Burkes Pass off the Rollesby Road within the township, and almost half of the cemetery reserve at Burkes Pass.

4.5.2 What do you think about our recommendations?

"Mostly good. No free exercise equipment in Twizel is an oversight - it is proposed to have them in Fairlie and Tekapo, but no mention of Twizel. Twizel has the largest resident population and large population growth is predicted, so a free exercise equipment park would be a huge asset to the town. Maybe the recently cleared area on Ostler Road on the south side of Manmade Hill would be a good location for this, as it is already linked by shared footpaths."

".... there are a number of items that don't appear to have been included. Safety standards and disability access need to be considered such as the surface of the Twizel Market Place playground. There are also issues with the Twizel Greenway walkways with sections of the concrete path which has sunk. The width of the pathways are not suitable for disabled access."

"Does not look at what sports are new and could be developed as Fairlie has no opportunities options on offer for the future"

"Tekapo Trails Society welcomes the recommendations, specifically the need for a Trails Development person to work with us, help with funding applications, consents and general ongoing support. Also welcomes the specific budget mentioned for the development of trails to form a network and for maintenance of existing trails. We acknowledge and welcome the inclusion of local Iwi involvement and have offer on

previous occasions to work with them to tell their story e.g. interpretation panels on the trails, nui poles etc. Very fitting in this amazing landscape."

"Totally agree with the recommendations in 2.8. A current project of revegetation of a segment of the Upper Opihi River and create a public loop track extension to the existing Heritage Walk at Burkes Pass illustrates the benefits a governance group may offer to assist/facilitate co-ordination between agencies such as MDC, ECAN, DOC, mana whenua and community groups. It is a significant issue to deal with all these agencies let alone the challenges of implementing the project itself. Also agree with the concept of a MDC trail manager to facilitate community groups efforts"

"I would like to add further recommendations regarding the Alps 2 Ocean Cycle Trail (with Mackenzie District Council)."

4.5.3 What do you think about our recommendations for playgrounds?

"Good. The timeframe for the Twizel Marketplace upgrade is too long - there needs to be a basket swing installed as soon as possible for children with disabilities"

"I agree that playgrounds need to be updated. The tekapo playground on the domain has been a disgrace for years and needs completing. Remember the community raised the money in the first instance for all the playground equipment so council should have been able to provide a suitable space for it"

"Playgrounds safety standards should be checked for the current playgrounds and they should be brought up to standard before any new playgrounds are developed"

"We have enough child play"

".... of course would like to see our playgrounds in Tekapo more developed. Our current one is a bit of an embarrassment but is in a good location and we see the flying fox as unique and so well used"

"They seem sound, however, disagree that small townships such as Burkes Pass could not have at least one piece of play equipment, in a strategic and safe place as while the populations is small and numbers of children fluctuate, there are visiting children on a regular basis. Playgrounds seem to be 'all or nothing' "

4.5.4 What do you think about our recommendations for public toilets?

Good. Definitely need to increase capacity of Twizel Marketplace toilets. The number of toilets at the proposed destination playground at Lake Ruataniwha seemed to be a bit on the short side.

Public Toilets have been a concern since the increase in tourists and council has received government funding for most new toilets. The strategy going forward needs to establish a matrix of depending where toilets are situated the type and standard, its been very hap hazard in the past. The toilet recommendations seem to focus on the alps to ocean trail but doesn't recognise future expansion of trails around current towns.

Great especially Lake Ruataniwha

4.5.5 Are there any projects missing?

The new sports building (proposed) to replace the pavillion in Twizel needs to be actioned urgently. Due to lack of maintenance by the council, the building has been unfit for use for a significant period of time already, so this needs prioritising.

Toilets for Fairlie trails. Upgrade of Fairlie Trials and working with community groups to enhance and add to trails. Bridge over the opihi river to connect trails Dog Park. Is there an opportunity to develop the campground site and domain to enhance the area with trails, playgrounds and dog park. Tekapo Trails around town and connectivity to Regional park and Mt John. Some were started a few years ago and then abandoned by council.

Twizel Youth Centre, Twizel playground surface ensuring it meets the standard. The undertaking of regular checks on all playgrounds to audit them against the playground standards

All year round swimming pool. Mackenzie has none! Tennis court, basketball court etc for Fairlie. Like most other districts have

Would like to see the specifics for trails. The strategy is very generic. Lakes Alexandrina and McGregor are always missing from the District Plan and yet form a very important part to any trails network.

Yes, there is only one Cultural Heritage Park listed at the Church of the Good Shepherd. At Burkes Pass there are at least two candidates, one is the grounds of St Patrick's Church, the oldest church in the Mackenzie and the oldest Union church on its original site in NZ. The council does pay for a mowing contractor but the remainder of the upkeep is voluntary. The Burkes Pass Cemetery is the other which is the oldest cemetery in the Mackenzie and full of history and cultural heritage (see booklet published 2019 by the Burkes Pass Heritage Trust entitled 'On a Bronze Tussocked Terrace'. The Burkes Pass Heritage Walk which is included as a trail is also effectively a Cultural Heritage park and certainly a destination that people do travel to visit and has a children's version as well along the same route. There are a number of organisations and individuals who could be used as Cultural Heritage resources and linkages with these would enhance the experiences and places, Mana Whenua are an obvious choice and there does not appear to be any site or sites specific to telling their story although this may be touched on in various places. There appears to be no evident priority given to weed and pest control in the priority lists for parks or trails, and while environment/biodiversity and planting according to ecological district are listed in the goals, most of the priorities seem to be in establishing tracks and signage. In 3.1 the Heritage Walk appears in the Trails diagram labeled Burkes Pass, however there is no mention in the Draft Priority projects. Burkes Pass is the most intact heritage precinct in the Mackenzie and the Walk was established by volunteers with interpretation signs and is much appreciated by visitors and locals. Eco sourced native planting is also along the route for amenity, the thresholds contribute to road safety in the village and the community needs some assistance with maintenance, mulch for weed control and track mowing. There is no mention of the Upper Opihi River reserve, native revegetation of the existing weedy small reserve with associated track connecting Rollesby road and the church via Burgess Creek proposed in the spatial plan, and revegetation of a further segment of the Upper Opihi River adjacent to the cob cottages associated with the proposed loop track extension of the Burkes Pass Heritage Walk.

Funding to complete the off-road of the Alps 2 Ocean Cycle Trail, in particular East Pukaki and Lake Ōhau canal road, needs to be highlighted as priority projects for the Council. The long term strategy for this Cycle Trail is to have the remaining sections on secondary roads replaced with off-road trail. The Alps 2 Ocean Cycle Trail is a key driver for visitors to the District however to maintain its reputation and meet users expectations of a Great Ride further investment is required.

4.5.6 Are the priorities right?

No. Not sure how the priorities were arrived at. I think a lot more work with the community boards needs to be done to establish the priorities.

Bring existing facilities and playgrounds up to standard first before developing any more

Without specifics we cannot comment but totally agree with a trails network rather than ad hoc trails going nowhere or just out and back.

"....support walks and cycle trails in all areas"

As above the completion of the Alps 2 Ocean Cycle Trail needs to be given priority within the Trail Strategy.

4.5.7 Is there anything else you'd like to tell us about the draft Parks & Amenities Strategy?

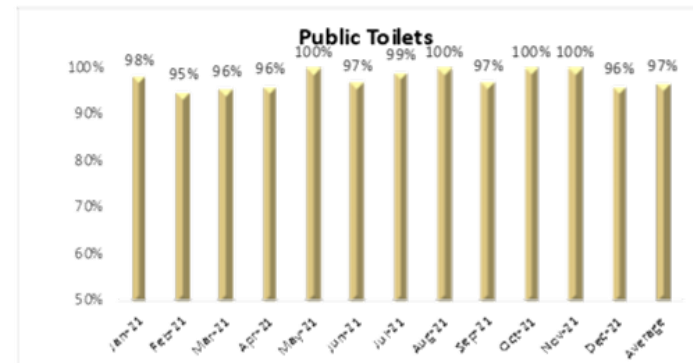
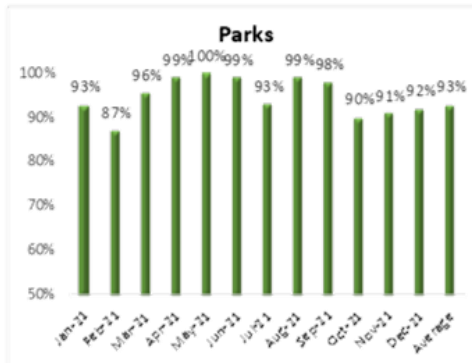
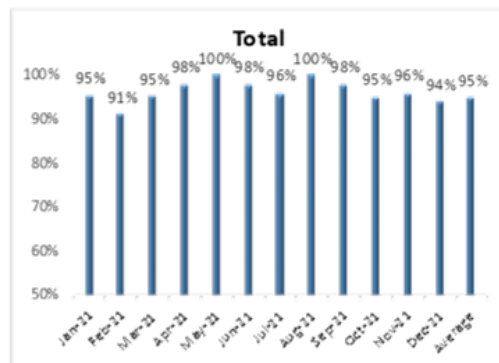
The strategy doesn't address the financial implications or funding going forward. Needs to be a follow up paper to address this otherwise the strategy won't go anywhere.

Tekapo Trails would like to see a projected timeline from here on in.

WCL Township Contract Quality Performance Audit Results

MONTHLY SCORE

Month	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Average
Total	87%	86%	95%	91%	95%	98%	100%	98%	96%	100%	98%	95%	96%	94%	95%
Parks	83%	78%	93%	87%	96%	99%	100%	99%	93%	99%	98%	90%	91%	92%	93%
Public Toilets	91%	93%	98%	95%	96%	96%	100%	97%	99%	100%	97%	100%	100%	96%	97%



5.3 LAKE TEKAPO, WILLOW BAY TRAIL

Author: Brian Milne, Community Facilities and Services Officer - Contractor

Authoriser: David Adamson, General Manager Operations - Acting

Attachments: Nil

PURPOSE OF REPORT

To consider a request from Tekapo Trails Society (TTS) for approval to develop a trail on an unformed legal road from Tekapo Regional Park to Willow Bay.

The Tekapo Community Board has passed a resolution supporting this request.

Approval of Council is required to confirm agreement of this use and allow Tekapo Trails to apply for consents and other approvals from LINZ and Genesis Energy.

STAFF RECOMMENDATIONS

1. That the report on the Willow Bay trail be received.
2. That the Engineering and Services Committee approves the development of a new trail on the unformed legal road from the Tekapo Regional Park to Willow Bay, by Tekapo Trails Society, subject to prior to any physical works commencing
 - (a) They gain all necessary resource consents, and
 - (b) They gain any required approvals from Genesis Energy, Balmoral Station and LINZ, and
 - (c) They submit plans to Council for final approval of location.

BACKGROUND

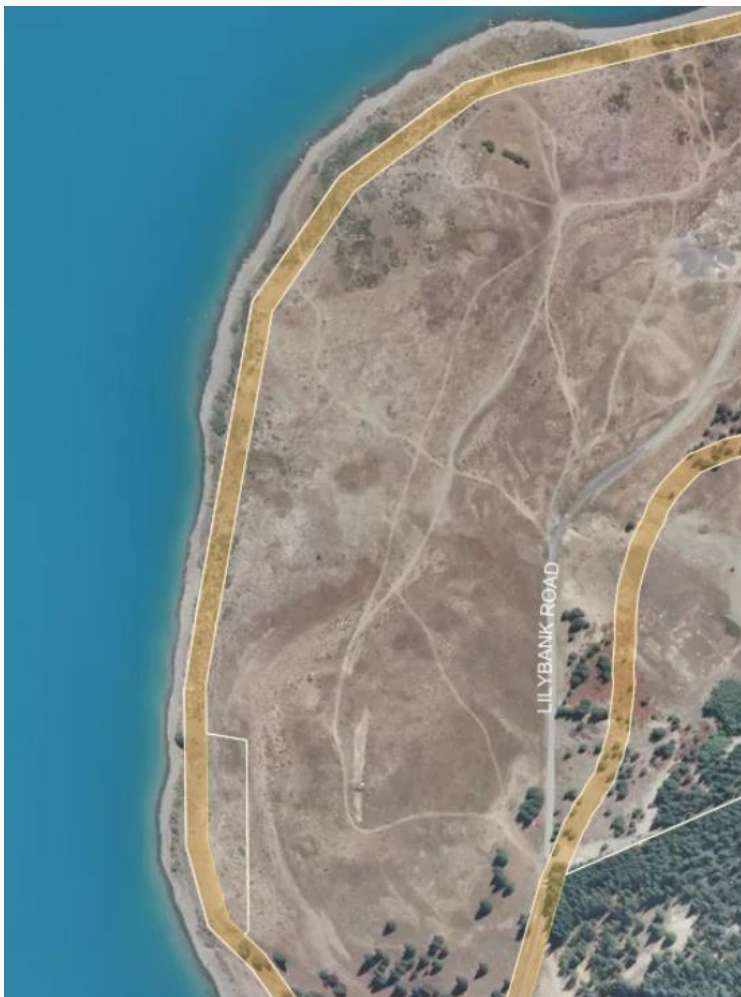
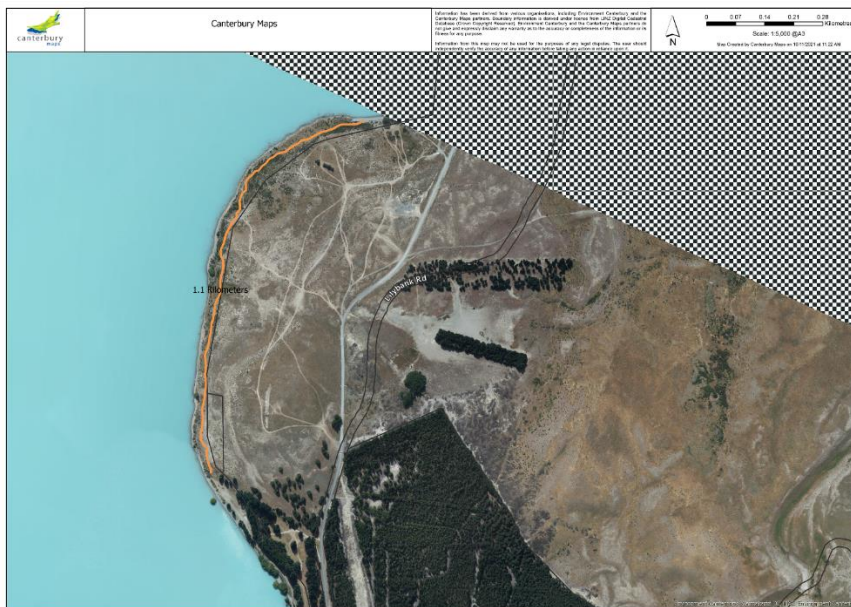
Willow Bay is a popular destination for the public. It is the best local beach for boating, picnicking and affords amazing views right up the lake, different from Pines Beach.

A dual-purpose metalled trail, wide enough for two walkers to walk side by side, and cyclists, would be very popular especially with Regional Park users. The Motor Caravan Park is becoming hugely popular, and visitors would love to know they could walk or bike the short 1.1km to access the picturesque beach at Willow Bay.

Most of the trail is on the unformed legal road administered by MDC.

TTS has the funding and volunteers to build this trail and will maintain and keep it free from rubbish.

The following maps show the proposed location of the trail.



POLICY STATUS

Approval will be subject to the applicant obtaining any necessary resource consents and approvals/agreements from other interested parties, namely Genesis Energy, LINZ and Balmoral Station. This has been approved in principle by the Tekapo Community Board.

5.4 WASTE MINIMISATION AND MANAGEMENT UPDATE**N/A****Author:** Angie Taylor, Community Services and Solid Waste Officer**Authoriser:** David Adamson, General Manager Operations - Acting**Attachments:** Nil**STAFF RECOMMENDATIONS**

That the information be noted.

BACKGROUND**Waste Minimisation and Management Contract**

The new contract is bedding in, with a new data and accounting system now in place. Previously each Resource Recovery Park operated on a standalone reporting system, all three parks are now interconnected with the ability for both Council staff and contractors to remotely connect to the system to access data. The new collections truck is now operating with the South Canterbury Councils joint branding.

The contractor has been experiencing delays in the supply of new red and yellow wheelie bins due to covid transport issues. A second order has been placed with a New Zealand supplier to try and expediate supply. It is expected that new stocks will arrive shortly.

Health and Safety

The contractor has reported that there have been no recent significant injuries or incidents associated with the Waste Minimisation and Management Contract.

Kerbside organic service

Preparations for the roll out of green bins and the start of the kerbside organic service are well underway, however there have been some delays encountered with the arrival of the green bins. The bins are being manufactured in New Zealand and freighted via sea, however processes have slowed and this has led to a short delay to the planned start, which is now scheduled for Monday 21 March. It is possible this may start a week earlier, however it is considered practical to aim for Monday 21 to allow some extra contingency. Educational material for residents is being developed and communication will be undertaken closer to the service start date.

Christmas Operations

Waste services ran smoothly over the Christmas period. Extra red bin collections were provided in Tekapo and Twizel as in previous years, these are timed with when holiday makers are likely to be leaving the district and allow residual waste to be cleared out before holiday homes are vacated. Additional Resource Recovery Park opening hours were also provided over the Christmas period to counter some closures of standard hours due to public holiday. Both the extra collections and opening hours were well received by the public.

Recycling contamination

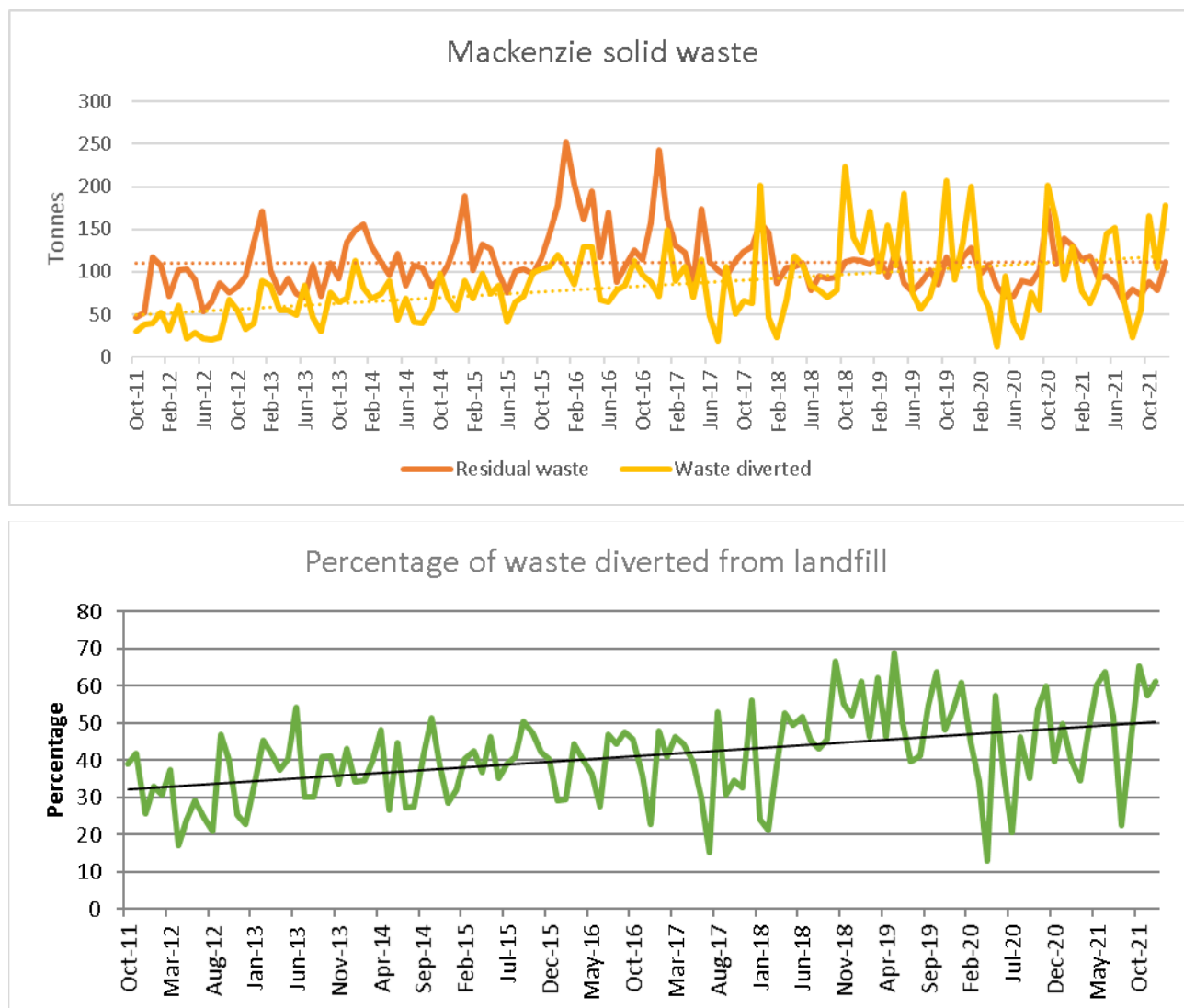
Mixed recycling continues to maintain acceptable contamination levels, with recent loads remaining under the 10% contamination threshold. Recycling is currently being transported to EcoCentral in Christchurch for processing, however this will shift to Redruth in Timaru following the commencement of the kerbside organics service.

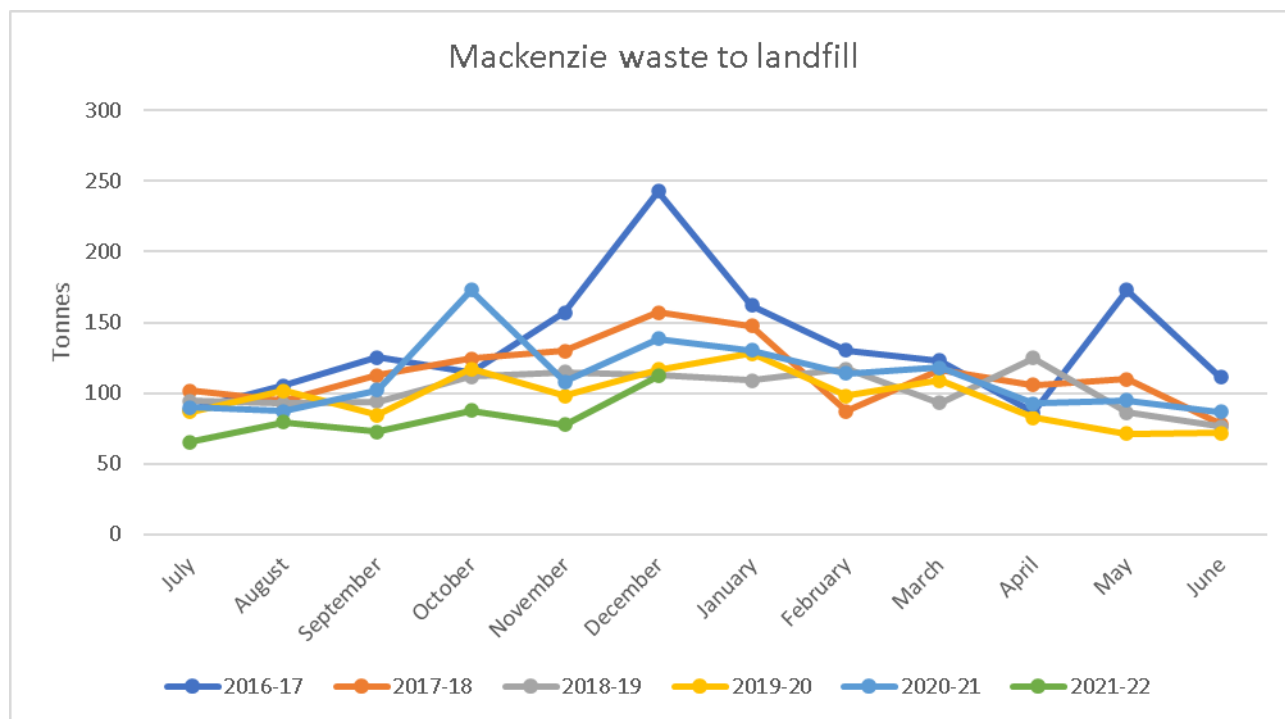
Waste Levy Reporting

Changes to the National Waste Disposal Levy now require regular reporting from the Council's Resource Recovery Parks. Staff have registered for the reporting system and will start to provide data as required.

Waste Data and Trends

Waste diversion continues to remain strong, graphs showing waste data and trends are included below.





5.5 ENGINEERING MANAGER'S REPORT**Author:** Joni Johnson, Engineering Manager**Authoriser:** David Adamson, General Manager Operations - Acting**Attachments:** Nil**STAFF RECOMMENDATIONS**

That the information be noted.

THREE WATERS**OPERATIONS**

Water: All systems are operating to drinking water standards. We are noticing high water use in Tekapo/Takapō and Twizel. Engineering department will try to determine whether this is due to leaks in the distribution system, to irrigation use, or some other reason.

We suspect a leak in the distribution of Allandale scheme. Our contractors have tried to locate it but have so far been unsuccessful; we will continue our efforts.

Wastewater: All systems are operating to resource consent standards. We received one odour complaint in Tekapo/Takapō which we believe was coming from a wastewater pumping station. We will put odour filters on the air vent to minimize any odour.

Storm water: All systems are operating to resource consent standards.

DATA**Water Testing Results through 31 January 2022**

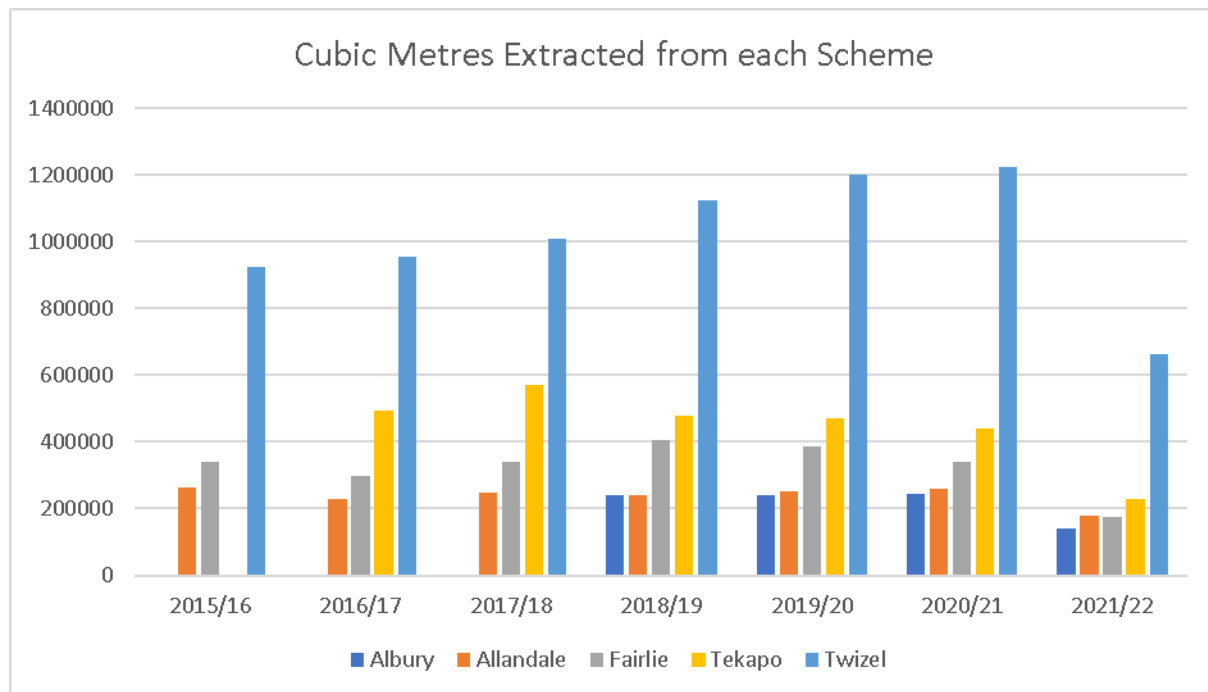
	Albury	Allandale	Burkes Pass	Fairlie	Kimbel I	Tekapo/Takap ō	Twizel	Total
Plant	41	41	41	71	0	69	73	331
Retic	9	9	9	43	9	41	43	161
Fails	0	0	0	1	0	0	0	1

Service Requests Through 31 January 2022

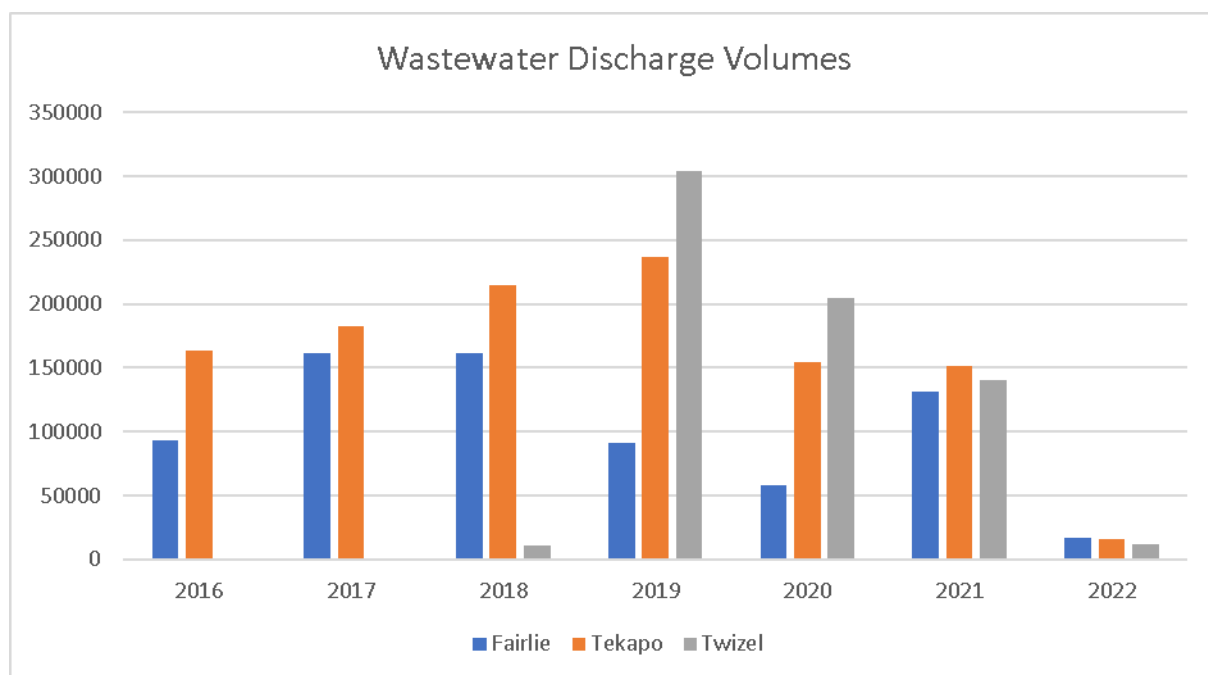
	Total Received	Completed	Completed in time
Allandale	32	32	32
Burkes Pass	4	4	4
Fairlie	32	31	31
Tekapo/Takapō	28	28	28

Twizel	114	113	110
Total	210	208	205

Water Use Graph



Wastewater Use Graph



Three Waters Projects

Fairlie Water Treatment Plant - Project process outcomes are being prepared and we will get a peer review on a design/build project in the next few months. Construction is expected to be completed by June 2024. The long construction period is mainly due to delivery time of membranes used in the treatment process.

Desludging of Oxidation Ponds- Twizel began in late November and is complete; Tekapo/Takapō began in January and will finish in one month; Fairlie will begin in February and last approximately two months.

Water Main Replacement- Tekapo/Takapō: Aorangi Crescent project will begin in February 2022 and last approximately two months.

Tekapo/Takapō WWTP Relocation - Due to the growth of Tekapo/Takapō, we are looking at available options of relocating/upgrading the wastewater treatment plant. We shared our preliminary findings with the Community Board to solicit feedback at the recent Community Board meeting.

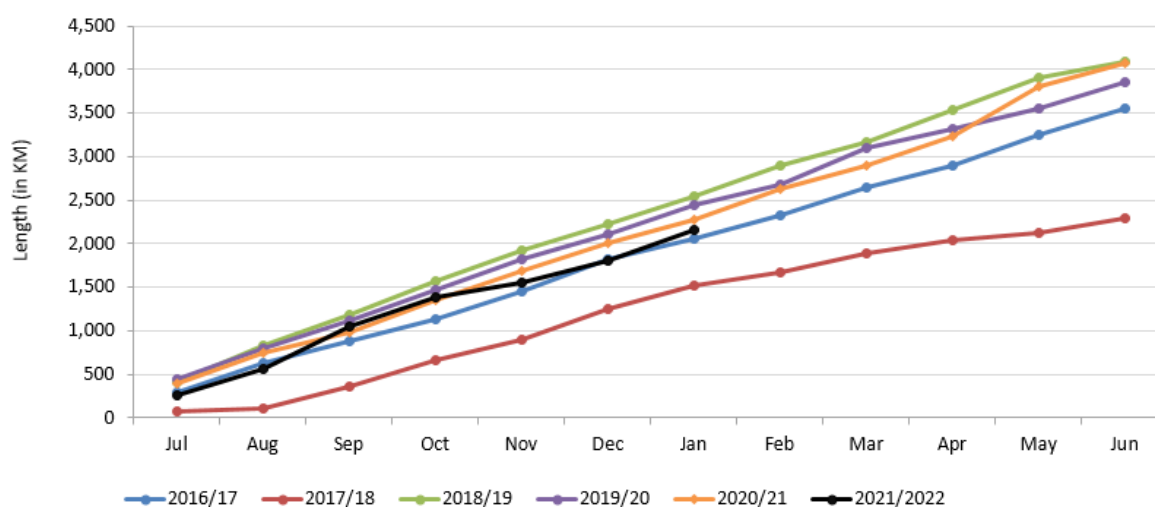
ROADING

OPERATIONS

Fulton Hogan is settling in and gaining local knowledge and conditions of our network. We received an increased number of customer service requests and complaints; many were about the new contractor and our changing approach to road maintenance. A review of the road conditions throughout the district resulted in only a limited number of priority repairs identified. This is in no small amount due to the work and diligence of the previous contractor (Whitestone Contracting Ltd).

Staff are working with Fulton Hogan to finalise the year end programme to ensure all work allowed for has been completed prior to financial year end. This process was delayed both by the late approval of the LTP plus the contractor starting a new contract.

Unsealed Road Grading (Cumulative)



ROADING PROJECTS

Lake Tekapo/Takapō Primary School - Complete except for kerbing, surfacing and markings. These should be completed in a few weeks. Safety improvements: raised table for pedestrian crossing has been installed and the road widened.



Twizel Long Vehicle Carpark - The drainage kerbing and the base preparation for the Twizel carpark is complete and surfacing will follow shortly. This project is funded by the Ministry of Business Innovation and Employment (MBIE) & Tourism and Infrastructure Funding (TIF) at 60% of cost.



Ultra Fast Broadband (UFB) - This is almost complete in Fairlie; still underway in Tekapo/Takapō. We are monitoring reinstatement issues and in Twizel we are ready for the final walk over to be requested.

CCTV Cameras in Tekapo/Takapō - Council will begin Stage 1 of a 3-stage project to install CCTV cameras and a recording system in Tekapo/Takapō, to be completed by July 2022. The CCTV recorder and all tapes will be managed by the Tekapo/Takapō Police Department.

Speed Limits - Waka Kotahi is ready to roll out a new, simplified process for proposing speed limit changes to roadways. Council will investigate lowering the speed limits on several roads:

- Twizel Mount Cook St, Ben Ohau Road, and the intersection of Glen Lyon Road and SH 8.
- Tekapo/Takapō Lakeside Drive, Pioneer Drive, Lilybank Road as it passes through the regional park.

RESOURCE MANAGEMENT ACT CONSENTING

Subdivisions - Subdivision applications continue to come in, typically smaller subdivisions in the Fairlie rural areas and in Twizel.

5.6 CAPITAL WORKS PROGRAMME 2020-2021

Author: Amy Westland, Administration Support - Operations

Authoriser: David Adamson, General Manager Operations - Acting

Attachments: 1. MDC February 2022 Report [↓](#) 

STAFF RECOMMENDATIONS

That the information on the stimulus package of capital works be noted.

BACKGROUND

This report covers the progress on 3 programmes of work being the Fairlie Water Treatment Plant, the water main renewals programme and the shared use path in Twizel.

CONCLUSION

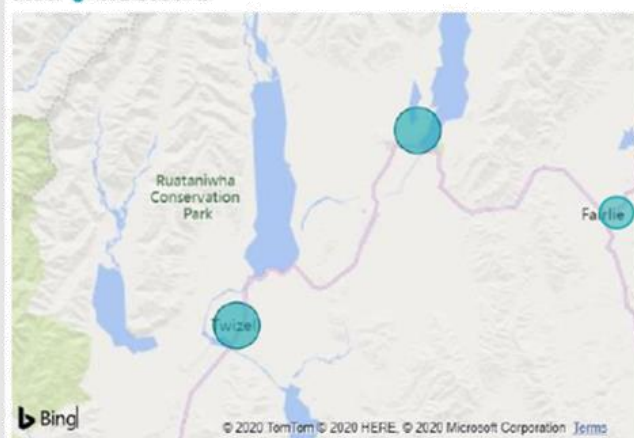
Works are progressing as per previously reported to the Committee.

Mackenzie District Council Capital Works Programme 2020 – 2021

Report prepared by: Pete Dawson

Project Count by Country

District ● Mackenzie District



7

Number of live projects

\$15.4M

Total capex projected

\$15.2M

Total capex approved

Completed In Progress Not Started Not Applicable

Project Title	Capital Plan Submission	Project Initiation	Concept Design	Detailed Design	Tender	Construction + Handover
Water Main Renewals - Twizel Package 1 (sub mains)						
Fairlie Water Treatment Plant and Reservoirs						
Water Main Renewals - Twizel Package 2 (more complex mains)						
Water Main Renewals - Twizel Package 3 (Ring mains)						
Water Main Renewals - Fairlie						
Water Main Renewals - Tekapo						
Shared Use Path						

Project Title	Cost	Issues	Resources	Risk and Issues	Schedule	Scope	Stakeholder and Communications
Water Main Renewals - Twizel Package 1 (sub mains)	●	○	●	●	●	●	●
Fairlie Water Treatment Plant and Reservoirs	●	○	●	●	●	●	●
Water Main Renewals - Twizel Package 2 (more complex mains)	●	○	●	●	●	●	●
Water Main Renewals - Twizel Package 3 (Ring mains)	○	○	○	○	○	○	○
Water Main Renewals - Fairlie	●	○	●	●	●	●	●
Water Main Renewals - Tekapo	●	○	●	●	●	●	●
Shared Use Path	●	○	●	●	●	●	●

Project Summary

Month shown: February 2022

Current Project

Fairlie Water Treatment Plant and
Reservoirs

Current Phase

Detailed
Design

Project URL

Expected Capital Cost

\$7,230,000

Project Status

Progress in the last month

Proposal for completion of performance specifications submitted and reviewed, amendments to be made and to be resubmitted Agreement to the overarching procurement approach
Landowner reviewed and accepted the land purchase agreement, owner to sign the agreement in mid February

Planned progress

Performance specification proposal signed off and underway
Procurement approach and procurement plan finalized
Land purchase agreement signed
Alpine Energy to be engaged to underground overhead power cables

Actions and decisions

Review and acceptance of the performance specification and sign off the procurement plan

Stakeholder relationships

lwi to be engaged to support the consenting phase.

Programme Commentary

Delays due to finalizing overarching procurement strategy

Project Conditions

Risk and Issues

Low

Moderate

High

Contractor Availability
Membrane availability (long lead item)
Material cost/availability

Scope

No Scope Change

10% Deviation

More than 10% Deviation

Schedule

On Track

10% Deviation

More than 10% Deviation

Some delays with completing the overarching project procurement plan

Cost

On Budget

10% Deviation

More than 10%

Approx spend to date of \$250k on concept and prelim design as well as private property consultation
Final Prelim Design has a \$7.23m estimate

Resources

Fully resourced

Partially resourced

Significantly under resourced

Resourcing of performance specifications underway

Stakeholder and Communications

On track

Partially on track

Off track

All stakeholders communicated with, further communication to be undertaken during design

Project Summary

Month shown: February 2022

Current Project

Water Main Renewals - Twizel
Package 1 (sub mains)

Current Phase

Construction

Expected Capital
Cost

\$2,500,000

Project URL

Project Status

Progress in the last month

All works completed in December and practical completion certificate issued by the Engineer. Currently in defects liability

Planned progress

As-built drawings to be completed

Actions and decisions

N/A

Stakeholder relationships

N/A

Programme Commentary

Approximately a month delay due to unable to construct during COVID Alert Level 4, all work now complete and practical completion issued

Project Conditions

Risk and Issues

Low

Moderate

High

N/A

Scope

No Scope Change

10% Deviation

More than 10% Deviation

N/A

Schedule

On Track

10% Deviation

More than 10% Deviation

Approximately a month delay due to unable to construct during COVID Alert Level 4. Practical completion issued in December

Cost

On Budget

10% Deviation

More than 10%

\$2.26 m capital payed to date up to practical completion, under budget as Council contingency not used

Resources

Fully resourced

Partially resourced

Significantly under resourced

N/A

Stakeholder and Communications

On track

Partially on track

Off track

N/A

Project Summary

Month shown: February 2022

Current Project

**Water Main Renewals - Twizel
Package 2 (more complex mains)**

Current Phase

Construction

Project URL

Expected Capital
Cost

\$1,300,000

Project Status

Progress in the last month ⓘ

Construction approximately 3/4 completed.

Planned progress ⓘ

Completion of work on Wairepo Road

Actions and decisions ⓘ

N/A

Stakeholder relationships ⓘ

Being undertaken by the Contractor, nothing to report.

Programme Commentary ⓘ

As reported last report approximately a month delay due to unable to construct during COVID Alert Level 4

Project Conditions

Risk and Issues ⓘ

● Low

● Moderate

● High

Work within private property undertaken, property consultant to finalize legal requirements (such as easements)

Scope ⓘ

● No Scope Change

● 10% Deviation

● More than 10% Deviation

As per previous rep-ort some additional connections added to the scope and changes in orientation for work within private property

Schedule ⓘ

● On Track

● 10% Deviation

● More than 10% Deviation

Approximately a month delay due to unable to construct during COVID Alert Level 4

Cost ⓘ

● On Budget

● 10% Deviation

● More than 10%

\$0.9m capital paid to date, forecast cost of \$1.25m using part of the 10% contingency
Some additional cost for delays from COVID, additional connections and changes in orientation for work within private property.

Resources ⓘ

● Fully resourced

● Partially resourced

● Significantly under resourced

Stakeholder and Communications ⓘ

● On track

● Partially on track

● Off track

Contractor managing communications

Project Summary

Month shown: February 2022

Current Project

Water Main Renewals - Tekapo

Current Phase

Construction

Expected Capital Cost

\$450,000

Project URL

Project Status

Progress in the last month ⓘ

Contract signed and required documentation provided. Pipe installed under the road next to the school under Aorangi Crescent to allow other MDC roading contract to get underway

Planned progress ⓘ

Continue progress with construction

Actions and decisions ⓘ

Programme still to be finalized to incorporate material delays.

Stakeholder relationships ⓘ

Being managed by the contractor, nothing to report

Programme Commentary ⓘ

As reported last report a couple of months delay due to unable to procure pipe materials as a result of supply issues due to COVID

Project Conditions

Risk and Issues ⓘ

● Low

● Moderate

● High

Material supplies due to COVID

Pipe across the SH planned to be installed using trenchless technology to minimize reinstatement of new surface on the SH

Scope ⓘ

● No Scope Change

● 10% Deviation

● More than 10% Deviation

Inclusion of another existing sub main to connect and change from standard water meters to smart meters.

Schedule ⓘ

● On Track

● 10% Deviation

● More than 10% Deviation

A couple of months delay due to unable to procure pipe materials as a result of supplies issues due to COVID

Cost ⓘ

● On Budget

● 10% Deviation

● More than 10%

Likely to be over contract value due to inclusion of another existing sub main to connect and change from standard water meters to smart meters. Variations for additional work not yet provided or approved.

Resources ⓘ

● Fully resourced

● Partially resourced

● Significantly under resourced

Stakeholder and Communications ⓘ

● On track

● Partially on track

● Off track

Being managed by the Contractor

Project Summary

Month shown: February 2022

Current Project

Water Main Renewals - Fairlie

Current Phase

Construction

Expected Capital
Cost

\$2,050,000

Project URL

Project Status

Progress in the last month ⓘ

Tenders received, evaluated and contract awarded.

Planned progress ⓘ

Kick off meeting with Contractor and required start up documents completed.

Actions and decisions ⓘ

Evaluation report signed off and contract awarded.

Stakeholder relationships ⓘ

Communication to be issued notifying the public of award, Contractor to manage stakeholders.

Programme Commentary ⓘ

On track

Project Conditions

Risk and Issues ⓘ

● Low

● Moderate

● High

Supply issues, non risks currently raised by the Contractor

Scope ⓘ

● No Scope Change

● 10% Deviation

● More than 10% Deviation

N/A

Schedule ⓘ

● On Track

● 10% Deviation

● More than 10% Deviation

N/A

Cost ⓘ

● On Budget

● 10% Deviation

● More than 10%

Contract awarded with a contract sum of \$1.4m, \$650k below budget estimate.

Resources ⓘ

● Fully resourced

● Partially resourced

● Significantly under resourced

N/A

Stakeholder and Communications ⓘ

● On track

● Partially on track

● Off track

To be managed by the Contractor

Project Summary

Month shown: February 2022

Current Project

Water Main Renewals - Twizel Package 3 (Ring mains)

Current Phase

Detailed Design

Expected Capital Cost

\$2,000,000

Project URL

Project Status

Progress in the last month

No progress as this is the last priority project and is unlikely to be within the budget to complete

Planned progress

Actions and decisions

Stakeholder relationships

Programme Commentary

Project Conditions

Risk and Issues

Low

Moderate

High

Scope

No Scope Change

10% Deviation

More than 10% Deviation

Schedule

On Track

10% Deviation

More than 10% Deviation

Cost

On Budget

10% Deviation

More than 10%

Resources

Fully resourced

Partially resourced

Significantly under resourced

Stakeholder and Communications

On track

Partially on track

Off track



Project Summary

Month shown: February 2022

Current Project
Shared Use PathCurrent Phase
ConstructionExpected Capital
Cost

\$1,167,000

Project URL

Project Status

Progress in the last month ⓘ

N/A as in defects liability period

Planned progress ⓘ

N/A as in defects liability period

Actions and decisions ⓘ

N/A as in defects liability period

Stakeholder relationships ⓘ

N/A as in defects liability period

Programme Commentary ⓘ

N/A as in defects liability period

Project Conditions

Risk and Issues ⓘ

● Low

● Moderate

● High

N/A as in defects liability period

Scope ⓘ

● No Scope Change

● 10% Deviation

● More than 10% Deviation

N/A as in defects liability period

Schedule ⓘ

● On Track

● 10% Deviation

● More than 10% Deviation

N/A as in defects liability period

Cost ⓘ

● On Budget

● 10% Deviation

● More than 10%

All works complete and final cost of approx. \$1.167m, over budget due to additional works undertaken as requested by MDC. All works complete

Resources ⓘ

● Fully resourced

● Partially resourced

● Significantly under resourced

N/A as in defects liability period

Stakeholder and Communications ⓘ

● On track

● Partially on track

● Off track

N/A as in defects liability period

5.7 THREE WATERS STIMULUS UPDATE

Author: David Adamson, General Manager Operations - Acting

Authoriser: David Adamson, General Manager Operations - Acting

Attachments:

1. 3W Reform Programme Timeline [↓](#) 
2. 3W Stimulus Projects Status to 26th January 2022 [↓](#) 

PURPOSE OF REPORT

The purpose of this report is to update Councillors regarding progress on the \$5.1m Three Waters Stimulus Grant provided by the Crown.

STAFF RECOMMENDATIONS

1. That the report on the 3W Stimulus Capital programme be received.

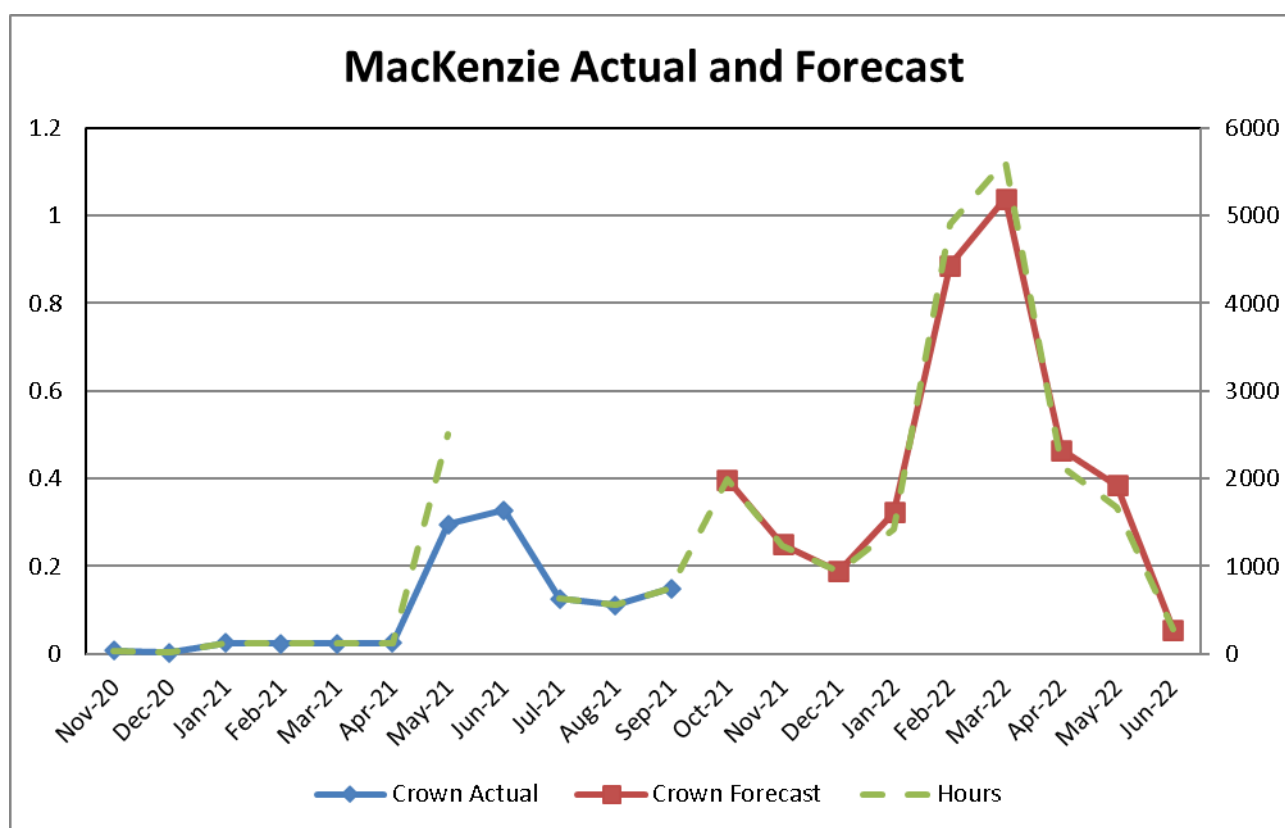
OVERVIEW

- Crown grant of \$5.111m, which enables MDC to undertake many exciting projects it could not otherwise address
- Originally there were 32 Projects that enable 3W planning and will improve outcomes for the community. As the programme has evolved several proposed projects have been merged, some completed by others and a number discarded leaving 23 active projects of which 8 have been completed.
- These projects have been reassembled into 20 packages. Many are about future planning, however there are several projects with consequential physical works, totalling around \$3.7m in value. These include Desludging (budgeted at \$1m contract let for \$1.05m), Twizel WW Rising Main (budgeted at \$900k contract let for \$971k), Twizel Water Meters Pilot (budgeted at \$350k, due to supply chain issues ordered \$125k), WS Pipe Renewals (budgeted at \$550k after PSR \$1.35m), Sustainable Water Demand Projects (budgeted at \$240k after PSR \$0), WWTP Monitoring equipment (\$210k), CCTV Pipe Inspections (Budgeted at \$180k contract let for \$160k), Burkes Pass WWTP Upgrade (\$100k).
- The Crown has recently extended the deadline from March 2022 to June 2022, in part due to the NZ Covid shut-down, but also in recognition of the NZ/Global supply-chain issues and the consequence of the stimulus fund itself, stretching consulting and contracting resources, However after evaluation and discussions with the Crown a PSR has been submitted where to projects not likely to complete in time have been cancelled , and increase the planned expenditure on WS Renewals, which is identical in scope to MDC's own stimulus project. The cancelled projects are then able to proceed outside of the programme with the finds released from the WS renewals budget.

- There is ongoing liaison (as required) with AEC, ECAN, Arawhenua, NZTA, landowners (easements) and community (remote drinking water supplies). There have also been webinars and announcements on the website and in local media.

FINANCIAL

- Up to the end of December 2021, expenditure to date was approximately \$1.95 (38%),
- Committed costs (including spent to date) are currently about \$4-34m (84%),.
- The programme still requires expenditure in excess of \$400k/month to complete by June 2022, though the physical works projects and will assist in achieving this cashflow – the Desludging and Rising Main themselves account for around \$2m or 40% of total spend and the WS renewals another \$1.3m (25%). Refer chart below for actual to end December 2021 and current aggregated forecast cashflow.
- Individual package forecasts are being monitored and adjusted so that the overall spend can be kept within the overall stimulus budget.



PROGRAMME

- A programme showing the individual logic and status of each package is updated at least fortnightly. The time extension has eased the risk somewhat, however consultant capacity and supply chain issues do mean that this is an ongoing risk. Refer attached programme '3W Reform Programme' for detail.

PROJECT SUBSTITUTION REQUEST #2

There are several elements to this project substitution request;

1. Extension of Project #1 (WS Renewals) by up to \$1m. MDC have two WS Mains Renewal

Projects (in Tekapo \$0.45m and Fairlie \$2.2m) that are shovel ready and one (Twizel package #2 at \$1.2m) is already underway. The scope of these projects is identical to the scope of Project #1. Therefore the current 3W Stimulus cashflow will be accelerated/improved significantly and the certainty of achieving the full programme spend by 30 June 2022 will be increased by acceptance of this PSR. Note that the \$1million loan provision that this substitution requests frees up will now be applied to finishing these projects.

2. Deletion of the following projects from the programme, mainly because they are individually small in value, the current consultant market is very tight, and because these projects can be undertaken under the Annual Plan with less completion date stress;
 - a. Project #2; Study – SW flooding (Alloway area, Fairlie) - \$25k budget
 - b. Project #4; Design – upsize WW line through Fairlie golf course - \$35k budget. This scope will drop out of the WW hydraulic modelling being undertaken as part of Project #15)
 - c. Project #5; Design – replace Sloane Street SW timber box culvert - \$35k budget
 - d. Project #8; Design/Construct – upgrade Lakeside (Tekapo) WW pump station - \$50k budget. This scope has been undertaken by a Developer at no cost to MDC or the Crown, so will reassign the budget. Complete.
 - e. Projects 9A/9C/9D; disposal wetlands plantings (Fairlie), replace disposal exotics (Tekapo) with endemics, SW discharge improvements (Fairlie/Tekapo) - \$30k. Deferral will allow MDC more time to co-ordinate with iwi and their nurseries.
 - f. Project #30; Study – potential connection of Allandale ‘Industrial’ area WW to Fairlie network (across the river) - \$45k budget.
 - g. Project #31; Construct – install new more GW monitoring bores for compliance - \$15k budget. This scope has been achieved at no cost by use of two existing ECAN bores, and upgraded GW submersible pump supplied by maintenance contractor, so will reassign the budget. Complete.
3. Deferral of the following implementation projects from the programme, even though work has already been undertaken in respect of design. They have an increased risk of not meeting the 30 June deadline and can be completed in the next Annual Plan;
 - a. Project #18 WWTP Monitoring equipment for compliance – budget \$210k. This is critical work for MDC, however we do not wish to compromise the end result by selecting potentially inferior products due to supply chain issues.
 - b. Part Project #25 Sustainable Water Demand - \$140k budget remaining. Another key project for MDC. The report is complete and \$125k implementation cost is already assigned to smart water meters. However the balance of implementation of

exemplar projects will be best achieved in co-ordination with other scope under the Annual Plan.

- c. Project #27 Remote water Supplies Implementation - \$135k budget. The survey and basic database is complete under projects #22 and #26, though the final definition of exemplar projects is yet to be finalised, therefore this project will be deferred and completed under the Annual Plan.
- 4. The deleted projects listed above total \$235k. The deferred projects listed above total \$485k. Total \$720k. In addition, there are 330 inline smart meters due to be installed (230 under project #24 and 100 under project #25). Meters have been ordered however delivery date has yet to be confirmed. The installation budget is \$310k (plus one-off system set-up costs of \$60k) therefore completion of this installation scope by 30 June 2022 is at risk. Hence the provision to substitute up to \$1m as part of the PSR.

INDIVIDUAL PACKAGE SUMMARY STATUS

(numbers refer to original project numbers assigned for DIA reporting)

Scopes for individual projects/packages have been refined to suit conditions. Some minor changes to forecasts have been made.

Further detail can be found on the attached spreadsheet '3W Stimulus Projects – Status 260122.

#1 WS Renewals - complete and in the ground.

#2/4/5/30 Misc Fairlie pipework projects, Works deferred as part of PSR2. MDC will add these projects to their LTP programme as individual values are relatively low.

#3 Tekapo WWTP future planning/study (GHD) - Design Basis Memo Complete and Long-List Options prepared short list completed and site investigations underway on preferred location. Council and Community board presentations completed on work to date, presentation to Council planned for 1st March.

#6-7 Twizel Rising Main (\$1m) - design complete (Baseline) and tender awarded to Rooney Earthmoving. Start on site planned for beginning of March (to match supply of wetwell).

#8 Tekapo WW PS upgrade – complete.

#9 Project scope has been reduced to fencing around WWTP

#10-11 Stock Truck & Septage disposal (study) - Stock Truck Study now cancelled (will be NZTA led),

#12-13 BP WWTP upgrades - Design complete (Beca) with small physical works to follow - several packages about to go to tender.

#14 CCTV Pipeline Inspection scoping complete (Beca), contract awarded to Intergroup works started January.

#15-16 Sewer and Water hydraulic modelling (study) – contract awarded to Watershed Engineering, works have started including installation of data loggers in Twizel.

#17-18 WWTP monitoring equipment (design-build) - concept report complete, tender package u/way.

#19-20 Desludging (\$1m) - awarded. Twizel ponds have been desludged, in excess of 427 dry tonnes of sludge has been removed, Dredge is to be relocated to Takapō this week, Civil works to Fairlie to start this week.

#21 WWTP Influent screens (study) - design complete (Beca). Peer review has been undertaken by Tiaki Environmental. No budget for installation but cost estimates will go into LTP.

#22+26 (then 27) Remote Water Supplies (sources and treatment/reticulation). The Aqualinc has been completed and is to be presented on the 15th March.

#23-24 Water Meter Trial Twizel – extensive research into both capex, opex and proof of concept trials have established (via a Multi-Criteria Analysis) a clear preferred path forward, along with indicative costs for both the Twizel pilot scheme, and the district overall. An order has been placed for Meters to be supplied by end of May, the balance of meters were deferred in PSR2 to enable order to be placed after proof of concept testing and manufacturing is underway for the Manifold meters.

#25 Sustainable Water Demand – Water Cycle Consulting report has been completed and is being presented to Council on the 8th February.

#27 Water Exemplar projects have been deferred in PSR2

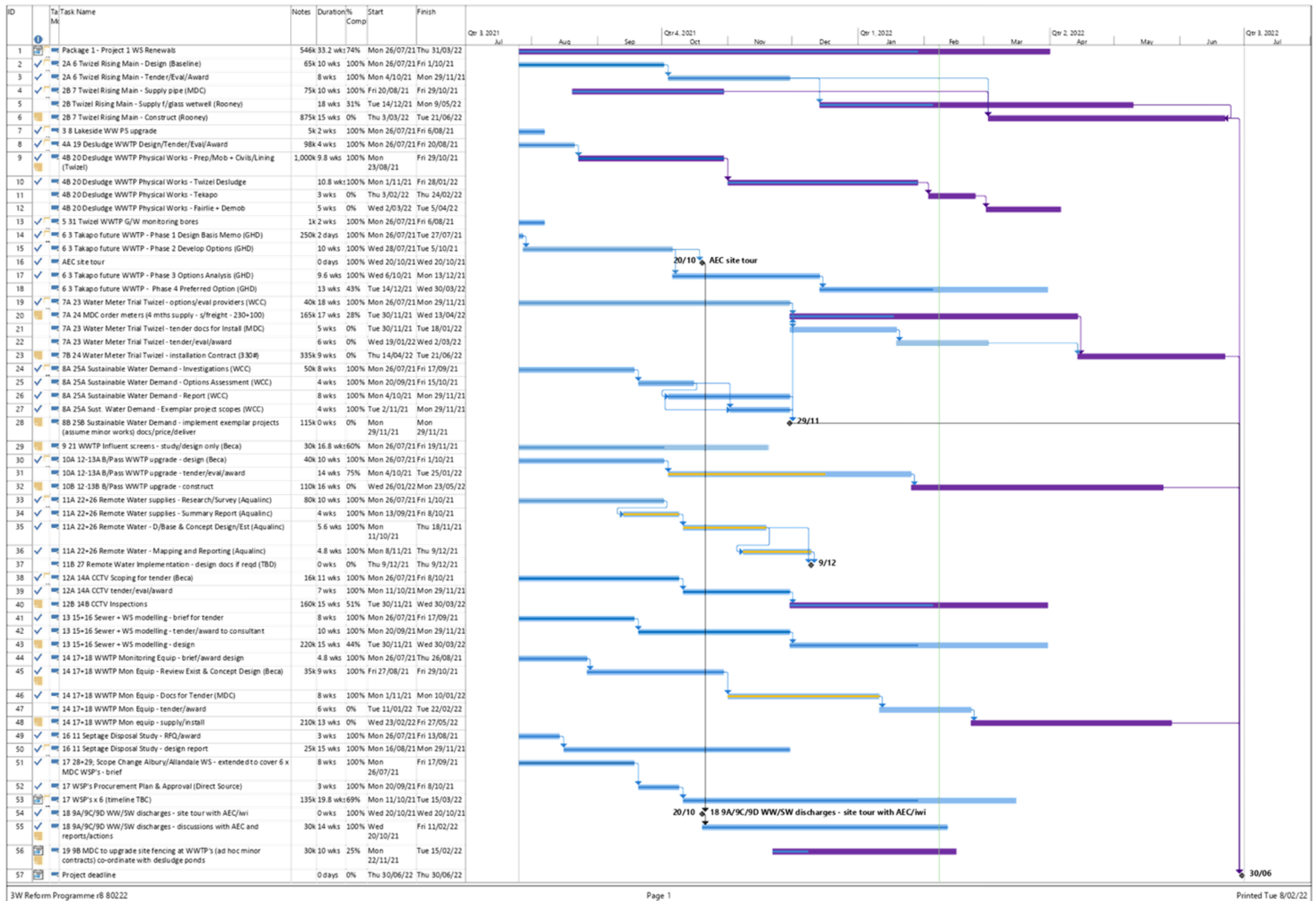
#28-29 Albury Rural and Allandale Water Supply Compliance – Scope has been amended to Water Safety Plans for all 5 community supplies (Twizel, Takapō, Burkes Pass, Fairlie and Allandale. Work is well advanced and a presentation of the plans is planned for 15th March 2022.

#31 Twizel WWTP groundwater monitoring sites - complete, just need close out report

#32 and #33 are 3W Reform projects - Prep by MDC, and Programme PM. Both underway.

CONCLUSION

The recent time extension to June 2022 (from March 2022) provided by the Crown has alleviated some of the pressure, however some supply-chain issues do remain and a Project Substitution Request (PSR) was submitted with the December Quarter report, which will de-risk those parts of the programme while freeing up loan provision to complete the scope of the projects as currently agreed.



Mackenzie District Council - 3-Waters Stimulus Packages - Status

21/12/2021																							
PACKAGE No.	Project ID	Project Title (As Per OIA report)	Budget	Actual to Date	Forecasted on OIA report	To Spend	Proc option	Reqd sign-off	Brief (date)	MDC Contract ID	Issued to market	Closing / Closed	Awarded	Project Date Tender Docs or Complete	PO's	Notes	Confidential Notes	Contract	MDC Action s/Progress				
1	1	Water Supply Mains Renewals - scope/design/construct (Fa/Tek/Twi)	\$546,000	\$546,330	\$1,466,324	\$919,994	Piggy back Becc/Rooney	✓	✓	✓	✓	✓	✓	Becc ✓ end March 2022	journal tfr	Utilising Becc package, already signed off by Council. Payment via journal tfr. Scope can be varied to balance overall budget	100% complete, by journal tfr (package 1 - Rooney)	Becc contract (MDC stimulus) utilised as same scope	Raise invoice on approval of Payment Request				
2A	6	New Rising Main Mackenzie Park to Twisel WWTP - Design	\$35,000	\$71,112	\$71,112	\$0	Baseline	✓	✓		✓	✓	✓	Baseline 23/4/2021	✓ Baseline 30/09/2021	101161 BGL 100388 TPG	MDC paying property consultant fee. TPG \$4,400 PO100388 initial scope	BGL \$19,800 Design PO101371 BGL \$2,200 survey PO101161 BGL \$14,790 Tender/Eval PO101373	Design N/A (Developer) TPG - ACENZ				
2B	7	New Rising Main Mackenzie Park to Twisel WWTP - Pipe Supply	incl below		Incl Below		3 prices	✓	✓	✓	✓	✓	✓	Hynds 20/8/2021	✓ Hynds 27/10/2021	101926 Hynds	Hynds accepted 16 Aug. PO 101926 issued 20 August. ETA 1020m pipe x xxxxxx	Hynds \$579,290 Humes \$88,855 Mico \$80,050	N/R - Supply PO only				
2C	7	New Rising Main Mackenzie Park to Twisel WWTP - Construct	\$990,000	\$102,103	\$897,303	\$795,000	Now closed tender (WS renewals panel) GETS	✓	✓	N/A	1290	✓	✓	5/10/2021	2/11/2021	29/11/2021	end June 2022	102685 REL	Monitoring fees and easement acquisition fees to come from this budget. Specialist: Ashburton Contr, Utilities Infra, Paul Smith, Rooney, Whitestone, Grant Hood	PO 102685 REL \$795k + cont	NZS3910.2013	Advise landowner of mobilisation date.	
3	8	Lakeside WW pumping station Takapō	\$50,000	\$1,403	\$4,000	\$2,597	David-O'Givie	✓	✓	N/R	✓	✓	✓	DO	N/A	N/R	Developer (LandCo) has paid for design AND will install pumps. MDC to make financial contribution to chamber alterations.	N/R (Developer)					
4A	19	Desludge WWTP ponds (design & tender)	\$30,000	\$99,407	\$98,640	-\$767	Becc	✓	✓	✓	✓	✓	✓	Becc 17/3/2021	✓ end Jun 2021	100654 Becc 100960 S/W	Design ready by end June for project #20. Review of first constn tender draft (front end) done 8 June	\$40k design, \$14k consent, \$8k test	Becc ACENZ				
4B	20	Desludge WWTP ponds Takapō, Twisel & Fairlie	\$850,000	\$373,419	\$953,083	\$579,664	Open tender	✓	✓	N/A	1284	✓	✓	5/Water 1/7/2021	2/08/2021	✓ 5/Water 20/8/2021	end March 2022	106656 Becc 101940 S/W	\$18,540 committed to Becc for constn monitoring fee. This fee now added to design cost forecast.	PO 101940 S/Water \$993k (\$903k + cont)	NZS3910.2013	Twisel finish this week.	
5	31	Twisel WWTP - Groundwater monitoring sites (compliance)	\$15,000	\$908	\$0	-\$908	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	Resolved using existing ECAN bores and a suite of tests.		N/R				
6	3	Future Planning for Takapō WWTP plant	\$800,000	\$142,165	\$231,150	\$88,987	Closed RFP on GETS	✓	✓	1274	✓	✓	✓	GHD 12/05/2021	20/05/2021	3/06/2021	16/6/21	end March 2022	101238 GHD	Closed tender procurement approved council 18 May 2021. Becc/GHD/Jacobs (Jacobs withdrew 3/6/2021). VO1 influent sampling, VO2 geotech ph 1	Becc \$219,183 GHD \$185,000 VO1+VO2 = \$223,034	GHD ACENZ	Community Board presentation 2nd Feb. Options Report to Council 1st March.
7A	23	Water Metering Trial - scope Twisel & tender package	\$25,000	\$49,303	\$46,617	-\$2,686	Closed RFQ	✓	✓	1275	✓	✓	✓	WCC 30/04/2021	21/05/2021	10/06/2022	15/6/21	✓ end Nov 2021	101240 WCC	Water Cycle Consulting/Becc/Stantec (Stantec withdrew 10/6/21) POC cost estimate of \$10k now added	WCC \$18,700 Becc \$20,700	WCC ACENZ	
7B	24A	Water Metering Trial - Twisel (part) Supply meters	incl below		Incl Below		4 Options MCA assessed	✓	✓	N/A	PO	✓	✓	1 Dec 21 (supply)	end April 2022	102685 SmartCo supply only	\$105,000 meter supply (230 + 100 Sust Demand + 40 Fairlie + 30 Takapō + 400) plus \$60k future provision for one-off system setup costs	Smartco 102682 \$105.5k + \$20k freight/cont	N/R SmartCo PO (supply)	Note: delivery only. Programme to be replanned once confirmed delivery plans received			
7C	24B	Water Metering Trial - Twisel (part) install meters 230W + 300W ex project 25 + \$125k. Total 330W	\$350,000	\$0	\$125,000	\$125,000	Open Tender	✓	✓	N/A	1291	✓	✓	Jan-22	end June 2022		Budget includes constn monitoring fee. Scope can be varied to balance overall budget.			Installation and delivery post 22nd June to be added into Annual Plan			
8A	25A	Sustainable Water Demand Study (usage reduction)	\$25,000	\$48,511	\$46,413	-\$2,098	Closed RFQ	✓	✓	1276	✓	✓	✓	WCC 18/05/2021	21/05/2021	10/06/2022	15/6/21	✓ end Nov 2021	101242 WCC	Water Cycle Consulting/Stantec/GHD (GHD withdrew 25/5/21) (Closing extended from 3 June on 1 June)	WCC \$44,100 Stantec \$49,635	WCC ACENZ	Presentation to Council 8th Feb
8B	25B	Sustainable Water Demand - Exemplar projects. 100 inline meters (Twisel) \$125k transferred to project 24	\$265,000		Incl above		Open tender or minor works?	✓	✓	N/A	Nov-21	✓	✓	end June 2022			Budget includes constn monitoring fee. Several minor works contracts may be better.			Confirmation that none are to be planned			
9	21	WWTP influent screens - 3 sites - Design (perf spec only)	\$25,000	\$29,527	\$43,827	\$14,300	Closed RFQ	✓	✓	1277	✓	✓	✓	Becc 05/05/2021	26/05/2021	10/06/2022	15/6/21	✓ end-Oct 2021	101235 Becc	Stantec/Becc/Jacobs (Jacobs withdrew 3/6/2021)	Becc \$24,756 Stantec \$23,150 (with exclusions)	Becc ACENZ	
10A	12	Burkes Pass WWTP Upgrade - Design flow meter/baffles for compliance	\$30,000	\$37,127	\$46,244	\$9,117	Closed RFQ	✓	✓	1279	✓	✓	✓	Becc 12/05/2021	3/06/2021	24/06/2021	29/6/21	✓ end-Sep 2021	100413 TPG 101351 Becc	Becc/GHD/Stantec (Stantec withdrew 16/6/21)	GHD \$36,800 Becc \$25,497	TPG - as project #6 Becc ACENZ	
10B	13	Burkes Pass WWTP Upgrade - Installation flow meter/baffles for compliance	\$50,000	\$0	\$109,000	\$109,000	Open tender?	✓	✓	N/A	1292	✓	✓	Oct-21	end March 2022		Forecast: \$20k power, \$20k baffles, \$40k civil/mech, \$20k comm, \$10k easements (TPG)			Finalise Procurement Plan & Procurement Docs.			
11A	22	22 - Water Supply Sources Database	\$90,000	\$79,918	\$80,308	\$90	Open RFP on GETS	✓	✓	1280	✓	✓	✓	Aqualinc 04/05/2021	9/06/2021	5/07/2021	22/7/21	✓ end Nov 2021	101637 Aqualinc	Requires ratepayer surveys, and public engagement/comm for info/education.	4 tenders rec'd - awarded Aqualinc \$79,880 (Rationale excluded due COI)	Aqualinc - ACENZ	Council Presentation 15th March MDC review of Aqualinc Report.
	26	26 - Drinking Water Supply to remote properties	Incl Above	\$9,733	\$12,555	\$2,822	Incl Above	Incl Above	Incl Above	Incl Above	Incl Above	Incl Above	Incl Above	Incl Above	Incl Above	Incl Above	Incl Above	Incl Above	Incl Above	Incl Above	Incl Above		
11B	27	Potable Water Supply to remote properties - install new or upgraded works	\$175,000	\$0	\$0	\$0	3 quotes? (low value)	✓	✓	N/A	Dec-21	✓	✓	end June 2022			Budget includes constn monitoring fee. Several minor works contracts may be better. Insufficient time available for large implementation projects			Confirmation that not to be included in programme			
12A	14A	CCTV Condition Assessments (Takapō & Fairlie) Specification & Procurement	\$20,000		Incl below		Closed RFQ	✓	✓	1278	✓	✓	✓	Becc 26/05/2021	3/06/2021	24/06/2021	29/6/21	9/10/2021	101352 Becc	Becc/Stantec/GHD (GHD withdrew 21/06/2021)	Stantec \$24,644 Becc \$15,646	Becc ACENZ	
12B	14B	CCTV Condition Assessments (Takapō & Fairlie)	\$180,000	\$17,312	\$165,012	\$147,690	Open tender GETS	✓	✓	N/A	1293	✓	✓	9/10/2021	✓ 9/11/2021	30/11/2022	end March 2022			Scope can be varied to balance overall budget	Intergroup \$148,772.34	Intergroup Minor Works Contract	Geoff point of contact
13	15	15 - Sewer Modelling (FAI/TEK/TWI) 16 - Water Supply modelling (FAI/TEK/ALLAN) + TWI	\$250,000	\$25,580	\$214,481	\$188,901	Open RFP on GETS	✓	✓	1281	✓	✓	✓	1/10/2021	27/10/2021	25/11/2021	Mar-22	102619 Watershed	Watershed/Aecom both bid. Watershed appointed. VO1 and VO2 accepted for Twisel field trials and calibration	Watershed \$197,565.40	Watershed ACENZ	Engage surveyor to provide information required to complete model	
14A	17	WWTP Monitoring Equipment - Scope	\$25,000	\$30,227	\$30,220	-\$7	Specialist	✓	✓	1282	✓	✓	✓	Becc 30/07/2021	30/07/2021	19/08/2021	25/8/21	✓ end-Oct 2021	101938 Becc	Improve monitoring for compliance & to improve pond health. Sole Source (Becc) due prior pond and monitoring equipment	Becc \$27,089 (plus \$7,043 for tender doc prep = \$34,132)	Becc ACENZ	
14B	18	WWTP Monitoring Equipment procure and install	\$210,000	\$0	\$0	\$0	Open RFP on GETS	✓	✓	N/A	Oct-21	✓	✓	Jun-22								Review and add into annual plan.	
15A	4	4 - Upase WW (470m) Fairlie Golf Course - design only	\$35,000	\$0	\$0	\$0	Closed RFQ	✓	✓	MD ON HOLD	1295						Jun-22			On hold. Possibly proceed once WW hydraulic modelling complete	15A - look at as BAU once hydraulic modelling complete		
15B	2	SW Management Control (Flooding) - Alloway area, Fairlie	\$25,000	\$0	\$0	\$0	Open RFP on GETS	✓	✓	MD ON HOLD	1283						Jun-22			Prioritised in case budget is exceeded by cost of studies. On Hold, pending confirmation of other cost forecasts	15B projects on hold - balance budgets		
	5	SW - Realign or replace Sloane Street SW timber box culvert	\$35,000	\$0	\$0	\$0	Open RFP on GETS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	30	SW Connect Allendale Rd Industrial WW to Fairlie WW network	\$45,000	\$0	\$0	\$0	Open RFP on GETS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10	10 - Stock Truck effluent station - study Deleted - \$20k funds transferred to package 17	\$0	\$0	\$0	\$0	Closed RFQ	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NR - deleted by PSR		
16	11	11 - Septage disposal (study)	\$45,000	\$14,942	\$25,282	\$10,340	Specialist	✓	✓	1294	✓	✓	✓	Becc 29/07/2021	29/07/2021	4/08/2021	30/08/2021	✓ end-Nov 2021	101928 Tiki 102256 Tiki	Proposal received from Tiki (specialist consultant) Septage testing	Tiki - ACENZ	Review and next steps	
17	28+29	Scope Change: WSP's covering 5 (or 6) MDC supply schemes (previously compliance checks Albany Rural and Allendale)	\$80,000	\$31,114	\$135,454	\$104,340	Direct Appoint WSP	✓	✓	1296	✓	✓	✓	15/09/2021	28/09/2021	01/10/2021	08/10/2021	Mar-22		Note Scope Change. Procurement Plan approved (Council 28 September)	WSP \$122,870 + cont = \$135,000	WSP - ACENZ	Draft sections of reports to be reviewed
18	9A/9C/9D	9A - Review WWTP Wetlands planting Fairlie (Miscanthus) 9C - Replace Exotics with Endemics at Takapō WWTP 9D - SW discharges Fairlie/Takapō	\$30,000	incl below	incl below		Direct Appoint AEC	✓	✓	N/A	N/A	✓	✓	26/08/2021 (site tour arranged)	N/A	20/10/2021 (site tour)	Mar-22		In-house MDC project, meeting with Runanga, facilitated by AEC per existing SLA. Site tour 20 October	PO's as reqd		Geoff to update costs	
19	9B	9B - Review WWTP fencing at WWTP's. Address M&S (access). Install to budget	\$30,000	\$1,485	\$16,485	\$15,000	In-house	✓	✓	N/A - sort on site by site basis							Mar-22		Identify areas of poor fencing, plan new locations and estimate costs. Any installation is budget driven & co-ordinated with desludge containment ponds.	PO's as reqd		Geoff to update costs	
20	32	Preparation for Reform - implications for MDC structure/ops/rates	\$50,000	\$45,624	\$39,619	-\$6,005	As required			N/A	N/A	N/A	N/A				Jun-22		Figure may be revised - DA. (\$45k spent 14m to Oct)	Misc AEC, ECAN, Rationale etc	PO's as reqd		
33		Programme Delivery	\$100,000	\$196,168	\$257,343	\$61,175											Jun-22		Figure may be revised - DA. (\$170k spent 10m to end Oct)	Data/Rationale etc	PO's as reqd		
			\$35,000	\$1,953,426	\$1,728	\$3,135,946																	
			\$5,111,000		\$5,111,000																		

Installation/Construction (sometimes Second Stage)
(8 additional procurements)
Opex projects (Accounts assessment) **adjusted**
28+29 Scope Change: Compliance with existing Albany/Allendale WSP's amended - now 6 x new WSP's (budget bolstered by deletion of project 10)

Open tender
Physical works - some dependent on study/design
In process

Contracts yet to be created