



AGENDA

Infrastructure Committee Meeting Tuesday, 2 February 2021

Date Tuesday, 2 February 2021

Time following the Environmental Services Committee

Location Council Chamber
Timaru District Council Building
2 King George Place
Timaru

File Reference 1401338

Timaru District Council

Notice is hereby given that a meeting of the Infrastructure Committee will be held in the Council Chamber, Timaru District Council Building, 2 King George Place, Timaru, on Tuesday 2 February 2021, at the conclusion of the Environmental Services Committee meeting.

Infrastructure Committee Members

Cr Sally Parker (Chairperson), Cr Paddy O'Reilly (Deputy Chairperson), Cr Allan Booth, Cr Peter Burt, Cr Barbara Gilchrist, Cr Richard Lyon, Cr Gavin Oliver, Cr Stu Piddington, Cr Steve Wills and and Mayor Nigel Bowen

Quorum – no less than 2 members

Local Authorities (Members' Interests) Act 1968

Committee members are reminded that if you have a pecuniary interest in any item on the agenda, then you must declare this interest and refrain from discussing or voting on this item, and are advised to withdraw from the meeting table.

Andrew Dixon

Group Manager Infrastructure

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- 1 Apologies**
- 2 Identification of Items of Urgent Business**
- 3 Identification of Matters of a Minor Nature**
- 4 Declaration of Conflicts of Interest**
- 5 Chairperson's Report**

6 Confirmation of Minutes

6.1 Minutes of the Infrastructure Committee Meeting held on 24 November 2020

Author: Jo Doyle, Governance Advisor

Recommendation

That the Minutes of the Infrastructure Committee Meeting held on 24 November 2020 be confirmed as a true and correct record of that meeting and that the Chairperson's electronic signature be attached.

Attachments

- 1. Minutes of the Infrastructure Committee Meeting held on 24 November 2020**



MINUTES

Infrastructure Committee Meeting Tuesday, 24 November 2020

Ref: 1401338

**Minutes of Timaru District Council
Infrastructure Committee Meeting
Held in the Council Chamber, Timaru District Council Building, 2 King George Place, Timaru
on Tuesday, 24 November 2020 at 9.46am**

Present: Cr Paddy O'Reilly (Chairperson), Cr Allan Booth – via Video Link, Cr Peter Burt, Cr Barbara Gilchrist, Cr Richard Lyon, Cr Gavin Oliver, Cr Stu Piddington, Cr Steve Wills, Mayor Nigel Bowen

In Attendance: **Community Board Representatives**
Temuka Community Board – Gaye Broker
Geraldine Community Board – Jan Finlayson

Council Officers

Group Manager Infrastructure (Andrew Dixon), Chief Executive (Bede Carran), Transportation Team Leader (Simon Davenport), Road Safety Coordinator (Daniel Naude), Drainage and Water Manager (Grant Hall), Land Transport Manager (Susannah Ratahi), Senior Programme Delivery Manager (Ashley Harper), Acting Sustainability and Climate Manager (Vincie Billante), Governance Advisor (Jo Doyle)

1 Apologies

Resolution 2020/35

Moved: Cr Barbara Gilchrist

Seconded: Cr Peter Burt

That apologies from Cr Sally Parker and Anne Lemmens of Pleasant Point Community Board be received and accepted.

Carried

2 Identification of Items of Urgent Business

There were no items of urgent business.

3 Identification of Matters of a Minor Nature

There were no matters of a minor nature.

4 Declaration of Conflicts of Interest

There were no conflicts of interest.

5 Chairperson's Report

The Chairperson reported that he has attended meetings in regard to coastal hazards at Rangitata, Milford and Waipopo Huts, Temuka and Pleasant Point Community Boards, Standing Orders/Chair training and the opening of the Temuka Swimming pool.

6 Confirmation of Minutes

6.1 Minutes of the Infrastructure Committee Meeting held on 13 October 2020

Resolution 2020/36

Moved: Cr Steve Wills

Seconded: Cr Barbara Gilchrist

That the Minutes of the Infrastructure Committee Meeting held on 13 October 2020 be confirmed as a true and correct record of that meeting and that the Chairperson's electronic signature be attached.

Carried

7 Reports

7.1 Patiti Point Coastal Erosion

The Committee was presented with an update on the outcome of investigations on the erosion at Patiti Point and consider options for the future management of on-going coastal erosion, sea inundation and climate change effects.

Group Manager Infrastructure advised the Committee that this report closes the loop on the significant erosion event which has now slowed down. Investigations have shown that the reason is the aggregate moves up the coastline irregularly and when little aggregate is deposited on the beach this exposes the coast to high wave action.

The erosion has slowed down, but it is expected to continue to affect the coast from between 1 to 10 metres per year. It is not practical to stop the erosion, and this will need continue to be monitored and landowners may have to retreat as necessary.

Jacob Consultants have modelled the outlook at 50 and 100 years, this has showed that Patiti Point will recede to where the Velodrome is currently located.

It was noted that this is being faced by many areas of New Zealand and at this point Central Government are not interested in assisting with funding.

Resolution 2020/37

Moved: Mayor Nigel Bowen

Seconded: Cr Barbara Gilchrist

That the Infrastructure Committee supports:

1. The continuation of the monitoring of the Patiti Point coastline for erosion and public safety be ensured through restricting access to affected area's.
2. The further investigation of the Timaru District coastline study with a risk and vulnerability assessment being undertaken and funded from current approved budgets.
3. Further data collection and studies on the effects of climate change for Timaru District are undertaken and funding provision for this be considered as part of the Long Term Plan 2021-31.

Carried

7.2 Marine Parade Road Safety Options

The Committee was presented with options for perceived road safety issues on Marine Parade by the Group Manager Infrastructure, Transportation Team Leader and Road Safety Coordinator.

This report closes the loop on concerns raised about the safety and over speed used on this road. It is recognised this is an important access road and is used by many heavy vehicles, and through the proposed District Plan is intended to be upgraded to a District Arterial route.

There are limitations on what can be done, and there are mixed users with a small minority of drivers who are driving illegally and affecting the dusk viewing of the penguins. There is concern from the groups advocating for the penguins that children viewing are at risk of being hit by these cars.

The Police have advised that enforcement is difficult and have recommended that signage be upgraded as there is only a single warning sign which isn't appropriate. Data on vehicle speeds has been collected, and confirming that 5% of vehicles are exceeding 60kph.

The installation of speed cushions were discussed, these would be effective, but will cause a hindrance to heavy vehicles travelling with heavy containers. This could be an option if other suggestions don't improve the issue.

It was suggested that rather than bring options back to the Committee, delegation should be given to the Group Manager Infrastructure to progress this issue forward.

Speed limits were discussed, however these need to be set legally and comply with legislation, the road has to be engineered to the set speed, and public consultation would be required if changing a bylaw. Speed limits are being reviewed early 2021, so this could be considered at that time.

Committee Recommendation

Moved: Cr Steve Wills

Seconded: Cr Peter Burt

That the Infrastructure Committee support the following:

1. The upgrade of the signage in advance of the beach activity zone on Marine Parade and consult on the creation of a 'gateway' to the beach activity zone.
2. Continue to engage with and encourage the Police to both monitor and enforce poor driver behaviour in the Marine Parade location.
3. Continue to monitor vehicle speeds on Marine Parade through regular traffic counts.

Motion

Moved: Mayor Nigel Bowen

Seconded: Cr Richard Lyon

That an amendment be made to delegate authority to the Group Manager Infrastructure to further progress other options if the concern of dangerous driving is not resolved.

Resolution 2020/38

Moved: Mayor Nigel Bowen

Seconded: Cr Richard Lyon

That the Infrastructure Committee support the following:

- 1 The upgrade of the signage in advance of the beach activity zone on Marine Parade and consult on the creation of a 'gateway' to the beach activity zone.
- 2 Continue to engage with and encourage the Police to both monitor and enforce poor driver behaviour in the Marine Parade location.
- 3 Continue to monitor vehicle speeds on Marine Parade through regular traffic counts.
- 4 Appoint delegated authority to the Group Manager Infrastructure to further progress other options if the concern of dangerous driving is not resolved.

.Carried

7.3 Progress Report: Pareora Pipeline Renewal, Downlands Water Supply Scheme Upgrade and Winchester Geraldine Roundabout

The Committee was presented on the progress of three key infrastructure projects; the Pareora Pipeline Renewal, the Downlands Water Supply Scheme Upgrade, and the Winchester/Geraldine Roundabout projects.

Pareora Pipeline Renewal

Construction for section 1 has been awarded and is planned to start in January 2021 with the entire project completion expected September 2021.

It was noted that the consenting risk is considered very low.

Downlands Water Supply Scheme Upgrade

Stage one of construction is due to start in December with completion in June 2021.

Winchester/Geraldine Roundabout

Has been approved by the Tenders and Procurement Committee and work is expected to start in January/February 2021 and will be expected to be completed by end of April.

Resolution 2020/39

Moved: Cr Richard Lyon

Seconded: Cr Gavin Oliver

That this report be received and noted.

Carried

7.4 Canterbury Land and Water Regional Plan – Notified Plan Change 7

The Committee was updated on the progress and status of the Environment Canterbury developed Plan Change 7 to the Canterbury Land and Water Regional Plan by the Senior Programme Delivery Manager.

Timaru District Council made a comprehensive submission on this subject, and this is now with the Commissioners and the determinations are expected in March/April 2021.

Resolution 2020/40

Moved: Cr Barbara Gilchrist

Seconded: Cr Peter Burt

That this report be received and noted.

Carried

7.5 Government 3Waters Reforms Stimulus Package - Progress Report at 5th November 2020

The Committee was updated on progress towards implementing the Governments 3Waters Reforms Stimulus package by the Senior Programme Delivery Manager.

This matter is moving quickly and changes weekly, the delivery plan has been approved, and \$3.43 million is expected to be deposited by the end of the month.

There are two main work streams, one consists of 16 projects which must start work by 31 March 2021. The second part is a request for information from the Department of Internal Affairs which is a 1200 line spreadsheet that must be populated by 1 February.

Webinars are held once a week nationally as well as one on one each week. There is a great deal of support and checking the information is gathered correctly as a stock take for possibly future entities.

It was explained that Ashley Harper will be leading this project for 2 days a week.

It was noted that these are the timelines provided from DIA and Council still has the option to opt in or opt out, and public consultation will be undertaken once further questions are answered.

Committee Recommendation

Moved: Cr Barbara Gilchrist

Seconded: Cr Stu Piddington

That this report be received and progress noted.

7.6 Peel Forest Closed Landfill Management Plan

The Committee was presented with the historical issues with Peel Forest closed landfill and present options to mitigate the short and long-term risks of further exposure of landfill material due to erosion of the river terrace by Rangitata River.

The Acting Sustainability and Climate Manager provided a summary with the flood from December 2019 which caused a washout on the banks of the Rangitata and exposed rubbish. These events are becoming more frequent and severe, and there is a need to mitigate against immediate events and a longer term plan for future events.

Council was advised to look at this issue critically and to front foot the issue and plan how to manage this long term.

This situation is not unique to Timaru.

The work can start once consultation has occurred with Mana Whenua and there are no consent constraints as ECan have the delegations to provide the consents.

It is expected this work will happen in the current financial year during the summer months and is dependent on how quickly a tender can be arranged.

This site is being actively monitored.

Resolution 2020/41

Moved: Mayor Nigel Bowen

Seconded: Cr Steve Wills

That the Infrastructure Committee approves:

1. Additional unbudgeted funding of \$500,000 to mitigate any further potential erosion of the closed Peel Forest landfill adjacent to the Rangitata River by:
 - (a) Commencing river engineering works to direct the main river channel away from the bank and forming a vegetated buffer at the base of the terrace;
 - (b) Recap the landfill area at the top of the cliff to cover exposed rubbish and remove exposed rubbish on the terrace face.
2. That the additional expenditure required for the landfill mitigation capital works be funded by loan.
3. The development of the long-term management plan for the closed Peel Forest landfill site and other closed landfills to reduce further risk exposure to be considered in the 2021-31 Long Term plan.

Carried

8 Consideration of Urgent Business Items

There were no items of urgent business.

9 Consideration of Minor Nature Matters

There were no matters of a minor nature.

The Meeting closed at 10.33am.

.....
Chairperson

7 Reports

7.1 Progress Report: Pareora Pipeline Renewal, Downlands Water Supply Scheme Upgrade, Winchester Geraldine Roundabout and 3Waters Stimulus Programme

Author: Ashley Harper, Senior Programme Delivery Manager
Lili Delwaide, Programme Delivery Manager

Authoriser: Andrew Dixon, Group Manager Infrastructure

Recommendation

That this report be received and noted.

Purpose of Report

- 1 The purpose of this report is to inform the Committee on the progress of three key infrastructure projects; the Pareora Pipeline Renewal, the Downlands Water Supply Scheme Upgrade, and the Winchester/Geraldine Roundabout projects as well as to inform the Committee on the progress of the 3Waters Stimulus Programme.

Assessment of Significance

- 2 This matter is not significant in terms of the Significance and Engagement policy.

Discussion

- 3 Progress reports are attached for the Pareora Pipeline Renewal project, the Downlands Water Supply Scheme Upgrade project, the Winchester/Geraldine Roundabout project and the 3Waters Stimulus Programme.
- 4 The 2020/21 budgets for the above projects are:
 - 4.1 \$8 million for the Pareora Pipeline Renewal;
 - 4.2 \$25.3 million for the Downlands Water Supply Scheme Upgrade (at 100%);
 - 4.3 \$2 million for the Geraldine / Winchester Roundabout.
- 5 In addition, the 3Waters Stimulus Programme has a total budget of \$6.86m for the period starting in November 2020 to March 2022.
- 6 The attached progress reports cover all aspects of the projects up until the 20 January, 2021 except for the financials that are actuals as of 30 November 2020, unless indicated otherwise.
- 7 The progress reports include an overview of the project and its context as well as a detailed update on the latest progress and current status.

Attachments

1. Winchester-Geraldine Roundabout Progress Report February 2021
2. Pareora Pipeline Renewal Progress Report February 2021
3. Downlands Water Scheme Upgrade Progress Report February 2021
4. 3Waters Stimulus Programme Progress Report February 2021

KEY PROJECT

Winchester / Geraldine Roundabout

Progress report – Issue 4 – 2 February 2021

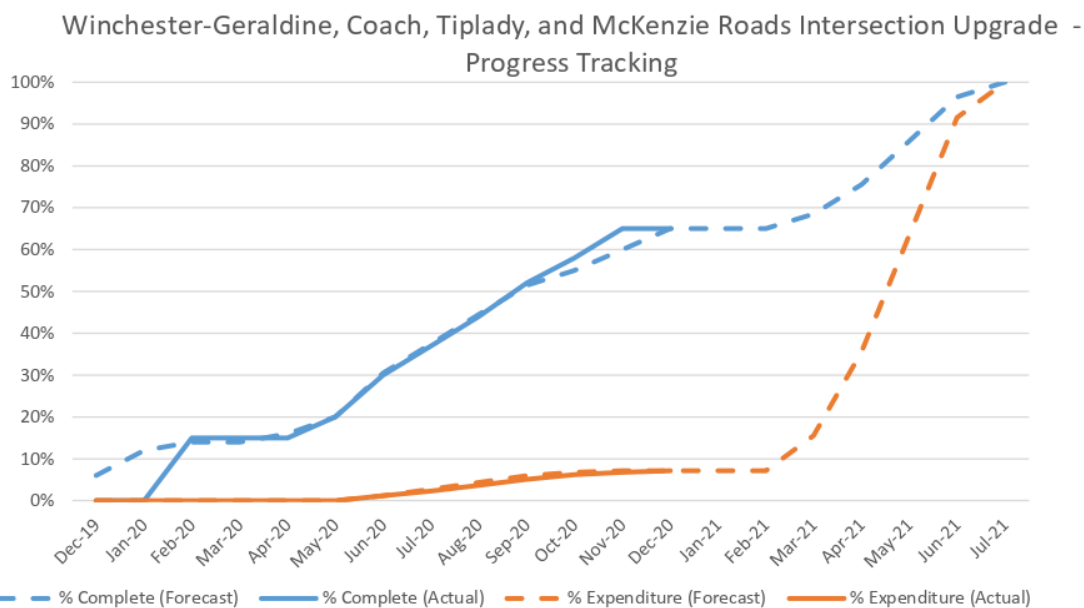


OVERVIEW

Winchester-Geraldine, Coach, Tiplady, and McKenzie Roads intersect approximately 6km south of the Geraldine Township. This intersection has been identified as a high risk intersection by Waka Kotahi (NZ Transport Agency). This outcome correlates with the high vehicle crash history at this intersection - in the last ten years there have been eight injury-causing crashes, with three of them resulting in serious injuries. As a result, this intersection has been identified as high-risk and in need of upgrading. Through the Safer Networks Programme (SNP) it has been determined that the best treatment for this site is the installation of a rural roundabout. Due to the SNP category, this work is being funded at 75% by Waka Kotahi NZ Transport Agency and 25% by TDC.

PROJECT UPDATE

- The construction contract has been awarded to Fulton Hogan following an open market tender.
- Communications and stakeholder engagement are completed and ongoing as required.
- Services relocation is currently underway as of 19 January 2021.
- Fulton Hogan establishing on site, civil works programmed to commence on 25 January 2021.



PROJECT TEAM

Project Sponsor: Andrew Dixon - **Project Manager:** Adam Ward

\$2M

Total 2020/21 Annual Plan Budget

\$178k

Spent to Date (as of 31 December 2020)

65%

Completed (as of 31 December 2020)

KEY PROJECT

Pareora Pipeline Renewal

Progress report – Issue 4 – 2 February 2021



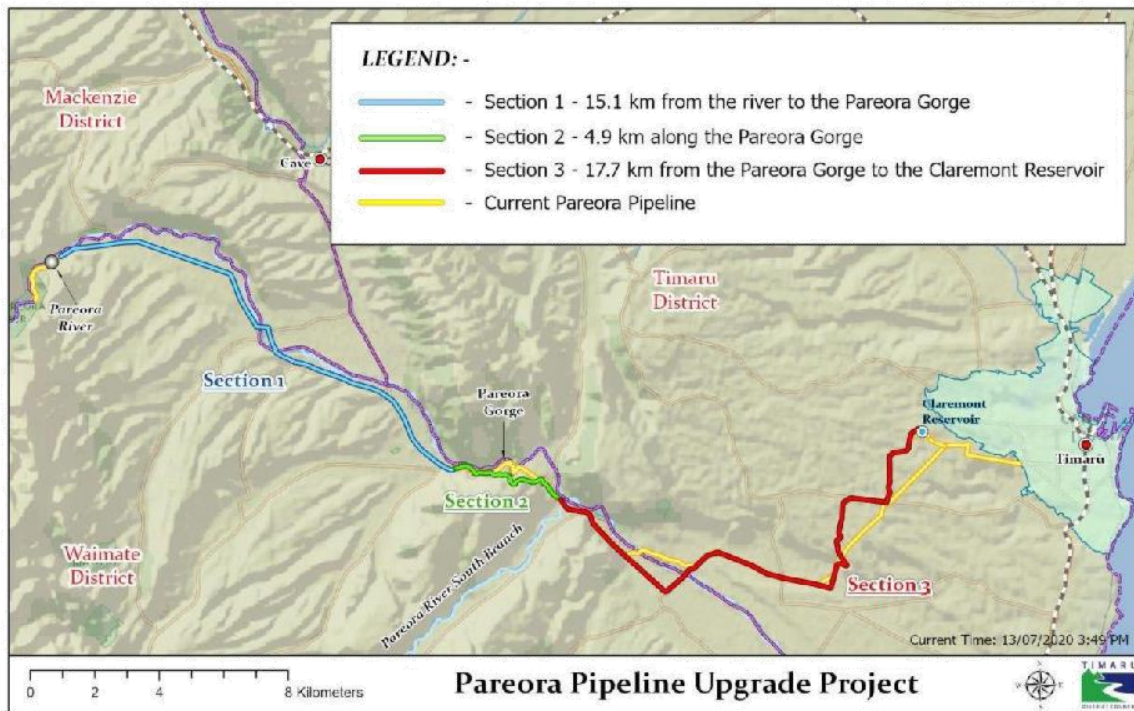
OVERVIEW

The Pareora pipeline is a critical component of the Timaru water supply, providing the bulk transfer of raw water from the Pareora River intake to the Claremont water treatment plant and storage reservoirs. This source provides approximately 60% of water consumed in the Timaru supply on an annual basis.

The existing Pareora pipeline, installed in the 1930s, is in very poor condition in some sections. It passes through some unstable land in the Pareora Gorge, and is a significant risk to the communities' water supply if it were to fail.

In addition, the existing pipeline has a history of leakage and increasing maintenance requirements. Through the adoption of the Long Term Plan 2018-28, Council has approved the renewal of the Pareora Pipeline. Approximately 37km of pipeline needs to be replaced with a nominal 500mm diameter pipe.

For procurement purposes, the pipeline is divided onto 3 sections, as shown on the map below.



PROJECT TEAM

Project Sponsor: Andrew Dixon - **Project Lead:** Grant Hall - **Project Manager:** Selwyn Chang

\$20.9M

Total 2018-2028 LTP Budget

\$1.6M

Spent (as of 30 November 2020 – 2020/21 Budget \$8M)

Design **100%** Completed

KEY PROJECT

Pareora Pipeline Renewal

Progress report – Issue 4 – 2 February 2021



PROJECT UPDATE

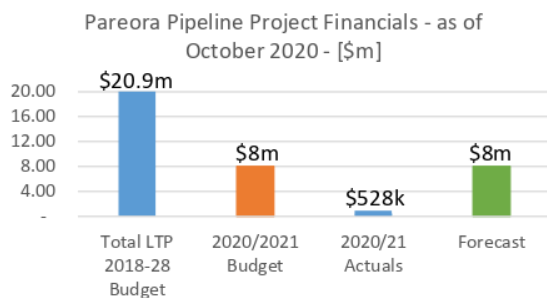
- **Section 1** - The contract was awarded to Rooney Earthmoving Ltd on 20 October 2020. Resource consent was granted in January 2021. The construction commenced in January 2021 and is expected to be completed to July 2021.
- **Section 2** - The Tenders and Procurement Committee has approved direct negotiation with the preferred supplier. The negotiation will take place in February 2021. Construction will likely start mid-2021.
- **Section 3** - The contract is currently on the market and the tendering period closed on 22 January 2021.

Project Stage		Status & Estimated Duration	Completion Date
Investigations	✓	Completed	
Consenting and Approvals	🚧	All roading authorisations and private land entries have been negotiated and agreed. The Archaeological Authority and Resource Consent for Section 1 has been granted. The application for Archaeological Authority for Section 3 has been lodged. The application for resource consent for Section 2 and 3 will be lodged in February 2021.	2021
Design	✓	Design is completed for Sections 1 and 3. Section 2 requires minimal design as the lining technology will be used.	Feb 21
Tendering	🚧	Section 1 has been awarded. Section 3 closed on 22/01/2021. Direct negotiation for Section 2 is progressing and is anticipated to start in February 2021.	Mar 21
Construction	🚧	Estimated duration: Section 1 – 40-45 weeks; Section 2 – 12-15 weeks (with liner), Section 3 – 40-50 weeks	Jan 21– Apr 22
Commissioning	📅	Will follow construction.	

LEGEND: ✓ Completed 🚧 In progress 📅 Not yet started

PROJECT FINANCIALS

The project is funded by loan, within the Urban Water Supply financial accounts. The loan in turn will be financed by urban water supply ratepayers via the Uniform Annual Charge for urban water.



PROJECT RISKS

CONSENTING – Some consenting application are still ongoing, there is a risk that potential request for additional information may delay the project.

ARCHAEOLOGY & ECOLOGY – Any finding of archaeology artefacts or bones and native lizards could potentially delay the construction programme.

MATERIAL - Due to COVID-19, international supply of waterworks fittings could potentially delay the delivery of materials and / or increase the cost of freight.

KEY PROJECT

Downlands Water Supply Scheme Upgrade

Progress report – Issue 4 – 2 February 2021



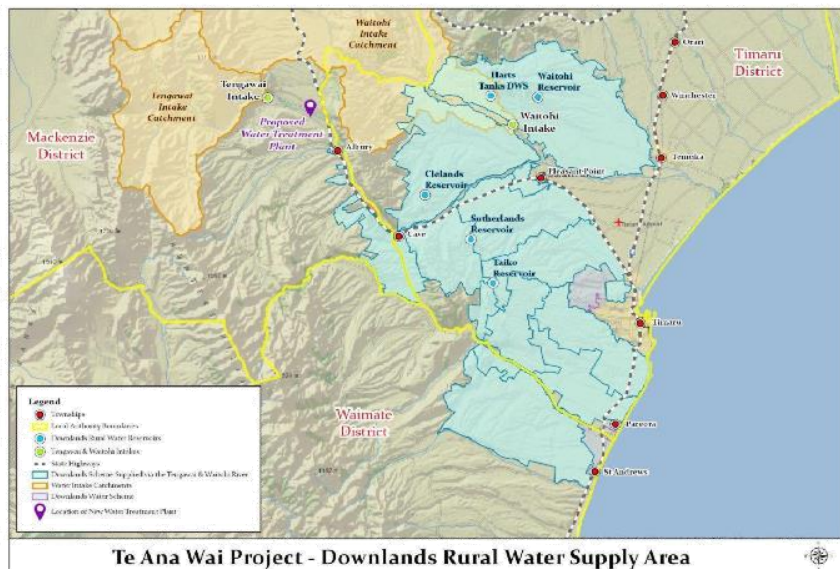
OVERVIEW

Timaru District Council manages the Downlands Water Supply Scheme on behalf of the Timaru, Waimate and Mackenzie District Councils.

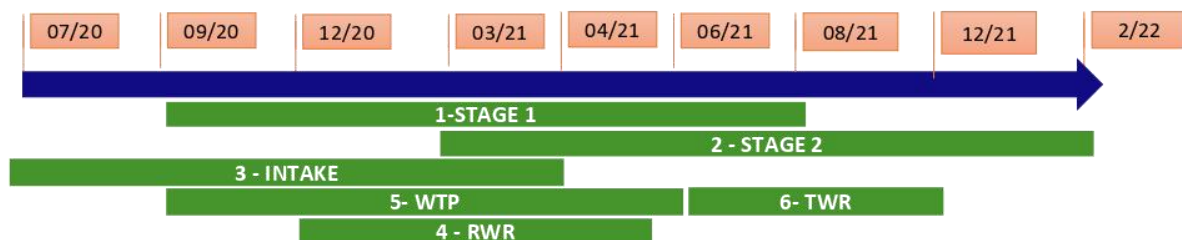
The scheme currently supplies stock and drinking water to over 2,500 properties. The scheme dates back to the 1930s, and no longer complies with the Drinking Water Standards for New Zealand 2008 (Revised 2018) (DWSNZ). Parts of the asset are close to end of life. In addition the available supply is currently fully allocated.

The Scheme upgrade was approved as part of the 2018-2028 Long Term Plan, and it is now reaching the end of the design and consenting phase. The project comprises the 6 contract work packages listed below:

- Trunkmain Upgrade**
- 1 Stage 1 – 3.5km from Cave to Davison Road
- 2 Stage 2 – 15.3km from Cave to WTP
- Te Ana Wai Intake Upgrade**
- 3 New Pump station, new galleries, refurbishment of existing galleries and upgrade of 110m AC section of raw water pipe.
- Te Ana Wai Water Treatment Plant**
- 4 Raw Water Reservoirs
- 5 Water Treatment Plant
- 6 Treated Water Reservoir



PROJECT TIMELINE



PROJECT TEAM

Project Sponsor: Andrew Dixon - Project Lead: Grant Hall - Project Manager: Octa

\$26M
Total 2018-2028 LTP Budget

\$2.57M
Spent in 2020/21
as of 30 November 2020

100% Design
10% Construction
Completed

KEY PROJECT

Downlands Water Supply Scheme Upgrade

Progress report – Issue 4 – 2 February 2021



RECENT PROGRESS

Intake – Construction of the in-river works was completed in December 2020. The out-river works and pump station construction has been awarded to Rooney Earthmoving Ltd. Construction has started and is anticipated to finish in April 2021.

Raw Water Reservoir – Construction resumed in December 2020. Top soil stripping, soil inspection and testing are in progress. The construction is planned to be completed by June 2021.

Water Treatment Plant – The Design and Construction Contract has been awarded to Marshall Pall Consortium. Design is progressing with a HAZOP Workshop completed. Most of the construction will be completed by June 2021.

Treated Water Reservoir – The Tenders and Procurement Committee approved the design and build contract for the treated reservoir in December 2020. This part of the project is programmed to be completed by December 2021.

Stage 1 Pipeline – Construction started in January 2021 and is planned to be completed in August 2021. The scope of works has been extended to replace Davison Road to Taiko Trunkmain which is funded by the Three Water Reform stimulus fund.

Stage 2 Pipeline – Consenting was lodged in December 2020 and is expected to be granted by end of February 2021. The contract has been awarded to Rooney Earthmoving Ltd and subject to consent being granted, the works are scheduled to occur from March 2021 to February 2022.

	Trunkmain		Intake	WTP		
	Stage 1	Stage 2		RWR	TWR	WTP
Prelim. Investigations	✓	✓	✓	✓	✓	✓
Consenting	✓	⚠	✓	✓	✓	✓
Design	✓	✓	✓	✓	👤	👤
Procurement	✓	✓	✓	✓	✓	✓
Construction	👤	📅	👤	👤	📅	📅
Commissioning	📅	📅	📅	📅	📅	📅

📅 Not started

👤 In progress - on schedule

👤 In progress - behind

⚠ Warning

📝 Awaiting Sign-Off

✓ Completed

PROJECT FINANCIALS

\$18m has been committed to date but planning delays have meant the rate of expenditure is slower than what was planned.

PROJECT RISKS

ARCHAEOLOGY & ECOLOGY – Any finding of archaeology artefacts or bones and native lizards could potentially delay the construction programme.

MATERIAL - Due to COVID-19, international supply of waterworks fittings could potentially be delayed and / or the cost of freight could increase.

3Waters Stimulus Programme

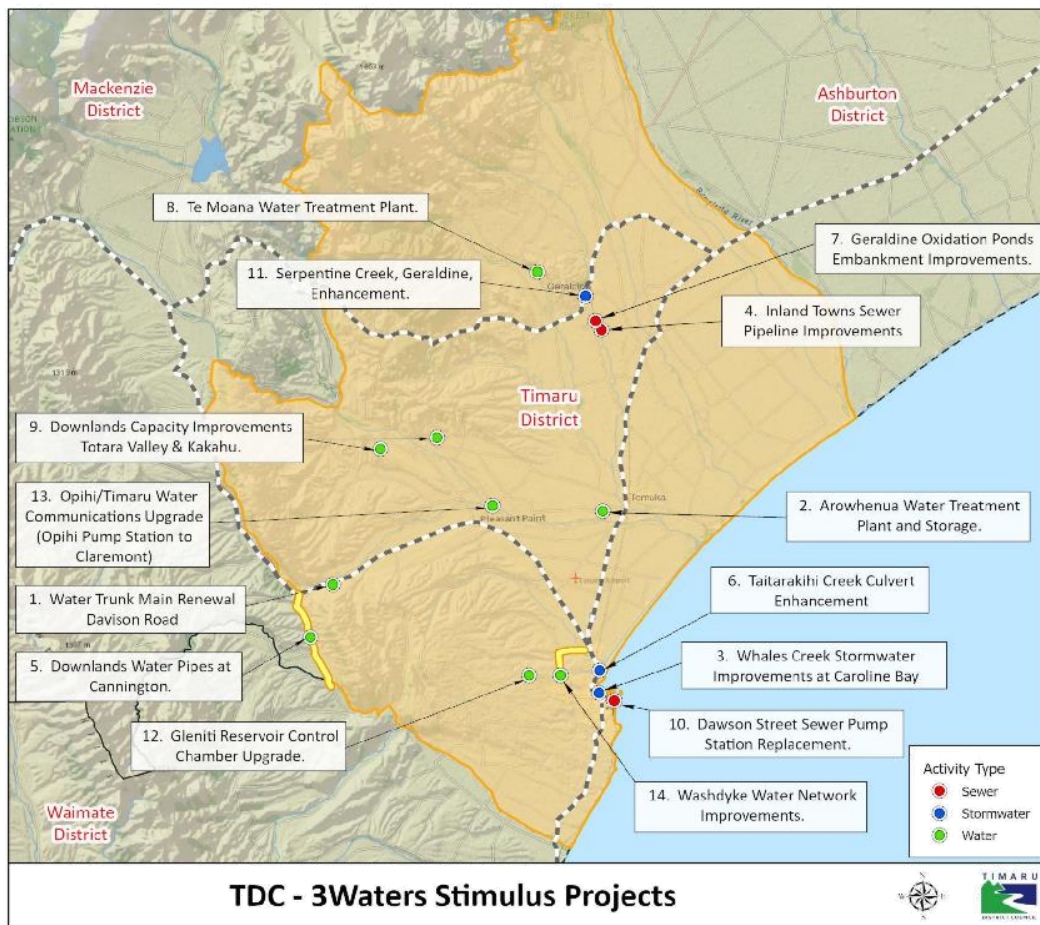
Progress report – Issue 1 – 2 February 2021



OVERVIEW

On 11 August 2019, Council agreed to sign a Memorandum of Understanding (MoU) with Government and thereby participate in the Government 3Waters sector reforms. By signing the MoU, Council will receive \$6.86m of stimulus funding for new projects.

A Delivery Plan has been approved and contains 14 capital and assets maintenance projects located throughout the Timaru District and covering Urban Water, Rural Water, Sewer and Stormwater activities. The projects are not included in the current Annual Plan and are to encourage stimulus within the local economy. The projects must commence prior to 31 March 2021 and be completed prior to 31 March 2022.



PROJECT TEAM

Project Lead: Grant Hall - **Programme Manager:** Ashley Harper - **Technical Officer:** Judy Blakemore

\$6.86M

Total Stimulus Package Fund

Procurement Completed
for 4 projects

Design Completed
for 7 projects

3Waters Stimulus Programme

Progress report – Issue 1 – 2 February 2021



PROJECT UPDATE

All projects have now been scoped and most projects are in the design phase. Procurement is underway or completed for projects 1, 3, 8, 9, 13 and 14.

Project Number	Project Name	Value	Stage	Completion Date
1	Trunk Watermain Renewal Davison Road	\$\$\$	Contract Let	Mid 2021
2	Arowhenua Water Treatment Plant and Storage	\$	Consultation with Arowhenua	Late 2021
3	Whales Creek Stormwater Improvements at Caroline Bay	\$\$	Contract Let	Mid 2021
4	Inland Towns Sewer Pipeline Improvements	\$	Design	Mid 2021
5	Downlands Water Pipes at Cannington Area	\$\$\$	Tender documents preparation	Late 2021
6	Taitarakihi Creek Culvert Enhancement	\$\$	Design	Mid 2021
7	Geraldine Oxidation Ponds Embankment Improvement	\$	Tender documents preparation	Late 2021
8	Te Moana Water Treatment Plant	\$\$\$	Contract Let (Design and Build)	Early 2022
9	Downlands Capacity Improvement Totara Valley and Kakahu	\$\$	Contract Let (Design and Build)	Mid 2021
10	Dawson Street Sewer Pump Station Replacement	\$\$\$	Tender documents preparation	Mid 2021
11	Serpentine Creek, Geraldine, Enhancement	\$	Design	Early 2022
12	Gleniti Reservoir Control Chamber Upgrade	\$	Design	Late 2021
13	Opihi/Timaru Water Communications Upgrade	\$\$\$	Procurement	Mid 2021
14	Washdyke Water Network Improvements	\$	Procurement	Late 2021

LEGEND: \$ - \$0 - \$250,000 \$\$ - \$250,001 - \$500,000 \$\$\$ - \$500,001 +

3Waters Stimulus Programme

Progress report – Issue 1 – 2 February 2021



PROJECT FINANCIALS

All projects are expected to be fully funded through the 3Waters Stimulus package with the exception of:

Project 6 – The culvert enhancement is a component of the Showgrounds Development. This project is being carried out by the developer.

Project 8 – The treatment plant is part of the Te Moana Water Scheme Treatment Upgrade. The scheme upgrade will be funded through the 3Waters Stimulus package and TDC budget.

Project 14 is a separable portion of the new water trunk main from Washdyke to Morgans Road. The other portion is funded from TDC budget.

PROJECT RISKS

The main risks to the 14 projects in the work programme are:

- Not commencing all projects prior to 31 March 2021. This risk has been mitigated by deploying 2.4 FTE dedicated staff to the Governments 3Waters Reform initiative.
- Delays to consenting and approvals. This risk has been mitigated by selecting projects with minimal consenting and approval requirements.
- Not completing all projects by March 2022. This risk is being mitigated by allowing contingency into the planning and by carefully monitoring progress on a regular basis.

8 Consideration of Urgent Business Items

9 Consideration of Minor Nature Matters