
Infrastructure Strategy & Operations Committee

Item for INFORMATION

Report	Infrastructure Strategy & Delivery Update
Meeting Date	21 November 2024
Item Number	5
Prepared By	Donna McArthur – Head of Infrastructure Strategy & Delivery
File Reference	920346

REPORT SUMMARY

The report details items from the Infrastructure Strategy & Delivery Team for information and discussion.

RECOMMENDATIONS

1. That the Infrastructure Strategy & Operations Committee receives the 'Infrastructure Strategy & Delivery Update' report, dated 21 November 2024.

REPORT

1. Asset Management - THREE WATERS

1.1 Wastewater – Initial Land Treatment Investigations and Next Steps

Driven by evolving regulations, rising costs, and a growing focus on environmental protection, the Clutha District Council (CDC) is reviewing its wastewater management practices for various communities. One potential option being explored is land-based discharge.

To evaluate this option, an environmental engineering consultant was engaged in early December 2022 to develop a report on potential disposal options. Building on this initial work, further investigations in 2023 focused on identifying suitable land treatment areas within a 10 km radius of all 11 existing CDC wastewater treatment plants.

This report has been presented to the council and the local Runanga. Recent announcements by the government regarding set discharge standards for small to medium wastewater discharges may significantly alter the direction and cost of this work. However, we intend to continue our engagement process to work through this and refine the potential costs.

Following initial discussions with council and Runanga, the next steps involve comprehensive engagement. This includes:

- Iwi and councillor engagement: Collaborative planning workshops will be held after an initial technical briefing, ensuring cultural considerations are integrated throughout the process.
- Detailed investigations: Working with consultants, potential land treatment zones will be further refined, with engineering studies and cost estimates developed.

1.2 CDC Development Engineering Code of Practice

To improve efficiency and consistency across the Clutha District and the Otago/Southland regions, CDC is collaborating with neighbouring councils to develop a unified engineering code of practice. This collaborative approach will streamline processes for CDC, service providers, and contractors.

In recent months, CDC has engaged in discussions with neighbouring councils to identify areas for improving efficiency and promoting consistency. These conversations have highlighted shared challenges, areas for improvement, and opportunities for joint efforts.

Currently, CDC is working closely with Dunedin City Council, Invercargill City Council, and Southland District Council, and with their agreement, we aim to adopt their existing documents and make the necessary additions that are relevant to our district. This approach avoids reinventing the wheel and ensures a more efficient process, leading to improved management of the development, construction and regulatory environments for all parties involved.

1.3 CDC 3-Waters Asset Data Standard

To improve the quality and consistency of asset data, the 3-Waters Asset Management Team are developing a dedicated data standard. Currently, no formal standard exists, leading to variations in the data currently being provided by maintenance and capital project contractors. This standard aims to create clear guidelines and templates on data requirements to ensure accurate and complete asset records, enabling more informed decisions regarding renewals, budgeting, and long-term planning.

The 3-Waters Asset Management Team is leading this development, with the document currently in draft form. Once completed, the standard will undergo review and approval to ensure it meets CDC's strategic needs for maintaining its assets.

1.4 CDC As-Built Specification

CDC is developing an As-Built Specification to standardise the information received from contractors upon project completion. Without a formalised standard, CDC has had to rely on varying levels of detail provided by contractors, supplemented by unofficial requirements. This new specification will set consistent expectations for as-built documentation on both capital and operational projects.

The document, currently under development by the 3-Waters Asset Management Team, will be implemented following review and approval. This specification will provide a consistent framework for capturing essential project data, ensuring completeness and accuracy for ongoing asset management and future planning.

1.5 Clutha District Water Supply Schemes Strategy

This strategy is being developed to investigate the feasibility of amalgamating a number of water supplies. The goal is to improve overall water system resilience, and potentially postpone costly upgrades at individual treatment plants and amalgamation which could reduce the number of plants and consents needed.

The proposal focuses on four potential connections:

- Richardson South and North: Connecting these schemes to either the Whitelea Road Water Treatment Plant (with a capacity upgrade) or the Balclutha plant, allowing the Puerua Water Treatment Plant to be decommissioned or operate at a reduced capacity.
- Kaitangata: Connecting Kaitangata to either the Stirling plant (with an upgrade) or routing water through Stirling and then Balclutha (with a Balclutha plant upgrade). This would eliminate the need for a separate, recently tendered (2023) \$3,000,000 upgrade to the Kaitangata intake and improve network resilience.

The next steps outlined in the report involve using existing water network models to determine the necessary pipeline upgrades for each connection scenario. Additionally, the report proposes estimating the capacity increase required at the water treatment plants to handle the additional demand. Finally, high-level cost estimates will be developed based on recent CDC water treatment plant upgrade projects.

1.6 Asset Management Information System (AMIS)

The 3-Waters Asset Management Team and IT are exploring alternatives to our existing Asset Management Information System (AMIS) to enhance value and functionality. We are currently using Univerus Assets (formerly AssetFinda/Univerus).

Council staff attended a demonstration of Thinkproject Asset & Work Manager (formerly RAMM) and are consulting with other councils about their experiences with this system. Additionally, the team is evaluating other potential systems as part of the review process.

A cost/benefit analysis and report will be prepared to guide our decision-making and developed based on recent CDC water treatment plant upgrade projects.

1.7 Catchment Protection Policy/Strategy (Forestry)

The 3-Waters Asset Management Team is developing a comprehensive Forestry Catchment Protection Strategy/Policy. Currently, our protections are limited to those

stated in the bylaw and the district plan, which are not actively enforced. Increased forestry activities can negatively impact the quality of source water, making it more challenging to treat for drinking. This new strategy aims to establish clear and enforceable guidelines to restrict forestry conversion near source water supplies. The policy will be based on specific criteria to ensure the protection and sustainability of our water sources, improving our ability to manage and safeguard these areas effectively. By implementing this strategy, we will proactively address potential risks to our water catchments and promote long-term environmental stewardship.

2. Asset Management – ROADING

2.1 Asset Management Data Standards – Asset and Management (AWM formerly known as RAMM)

The council's database for managing and maintaining its roading assets, RAMM (Roading Asset Maintenance Management) is currently undergoing a standardisation upgrade to stay up to date with NZTA Waka Kotahi's requirements. Data migration will happen during the week of 18 to 22 November 2024.

2.2 Land Transport Programme 2024/2027 – Final NZTA Budget Approvals

Final budget approvals for Clutha's 2024/2027 Land Transport Programme have been released by the NZTA Waka Kotahi, with the Council advised at its meeting on 12 September 2024. A follow-up report was presented to the Council and accepted at the meeting held on 23 October 2024. The reduced NZTA funding has led to projects being deferred and others being prioritised over others.

3. Asset Management – FACILITIES & WASTE

3.1 Climate Change Actions

The Facilities and Waste Team has started implementing actions prescribed in the council's climate change strategy. The actions are in two broad categories:

a. Measure and Reducing Emissions

For actions that fall under Facilities, Solid Waste and Fleet domains, the team is developing emissions measurement KPIs to track council's emissions. This will also help to accurately measure the impact of emission reduction strategies implemented in the future. Measuring the emissions will assist to identify opportunities to reduce emissions.

b. Developing Resilience

This starts with identifying assets vulnerable to the effects of climate change. We are currently mapping flood prone infrastructure as shown below. This is ongoing work, with more sites still to be mapped and further analysis required to model the level of risk associated with each site. This involves modelling the likelihood and impact of flooding for each site. The model will then inform the appropriate strategy to develop resilience for each site.

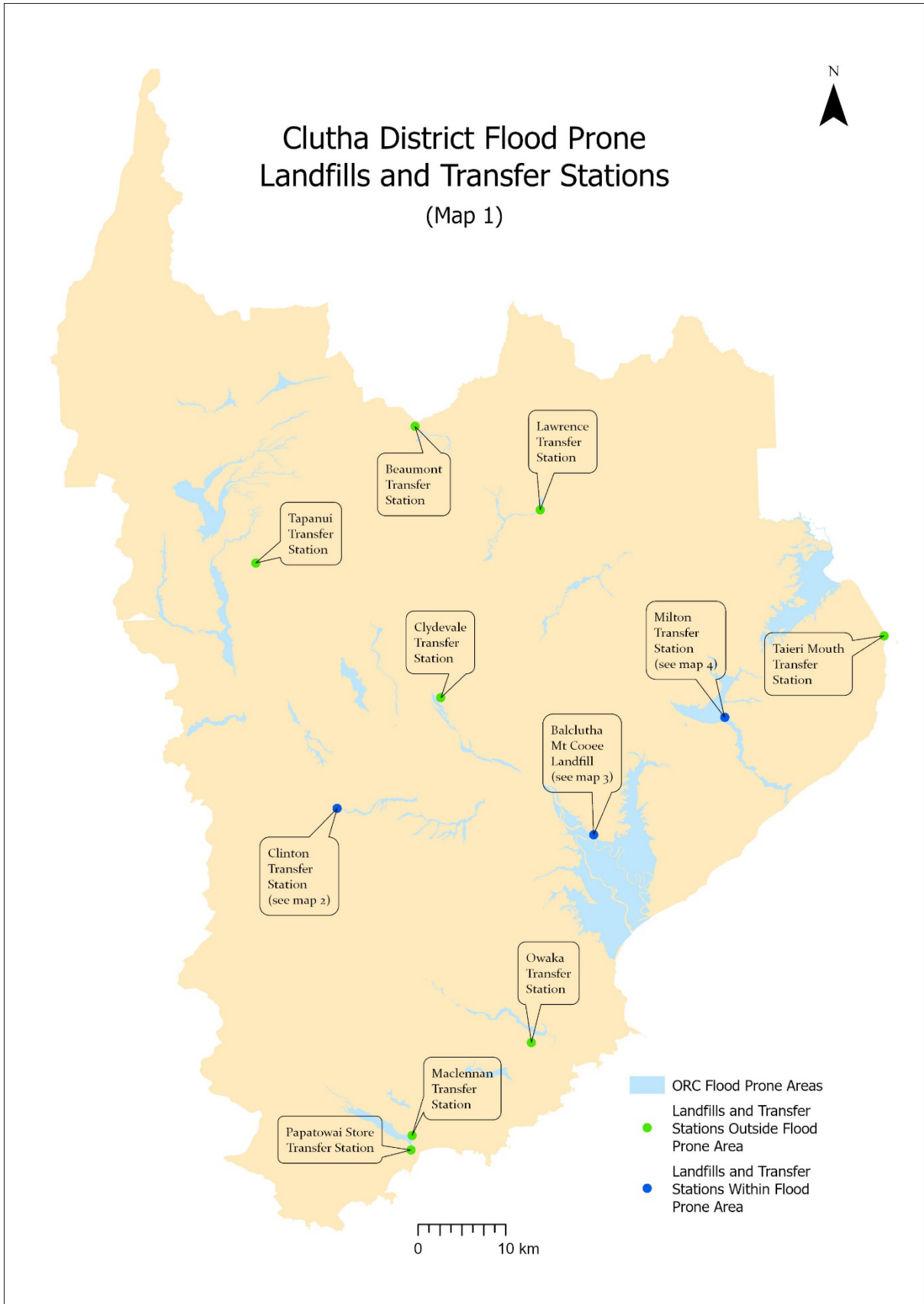


Figure 1. Solid Waste Assets Flood Risk Mapping

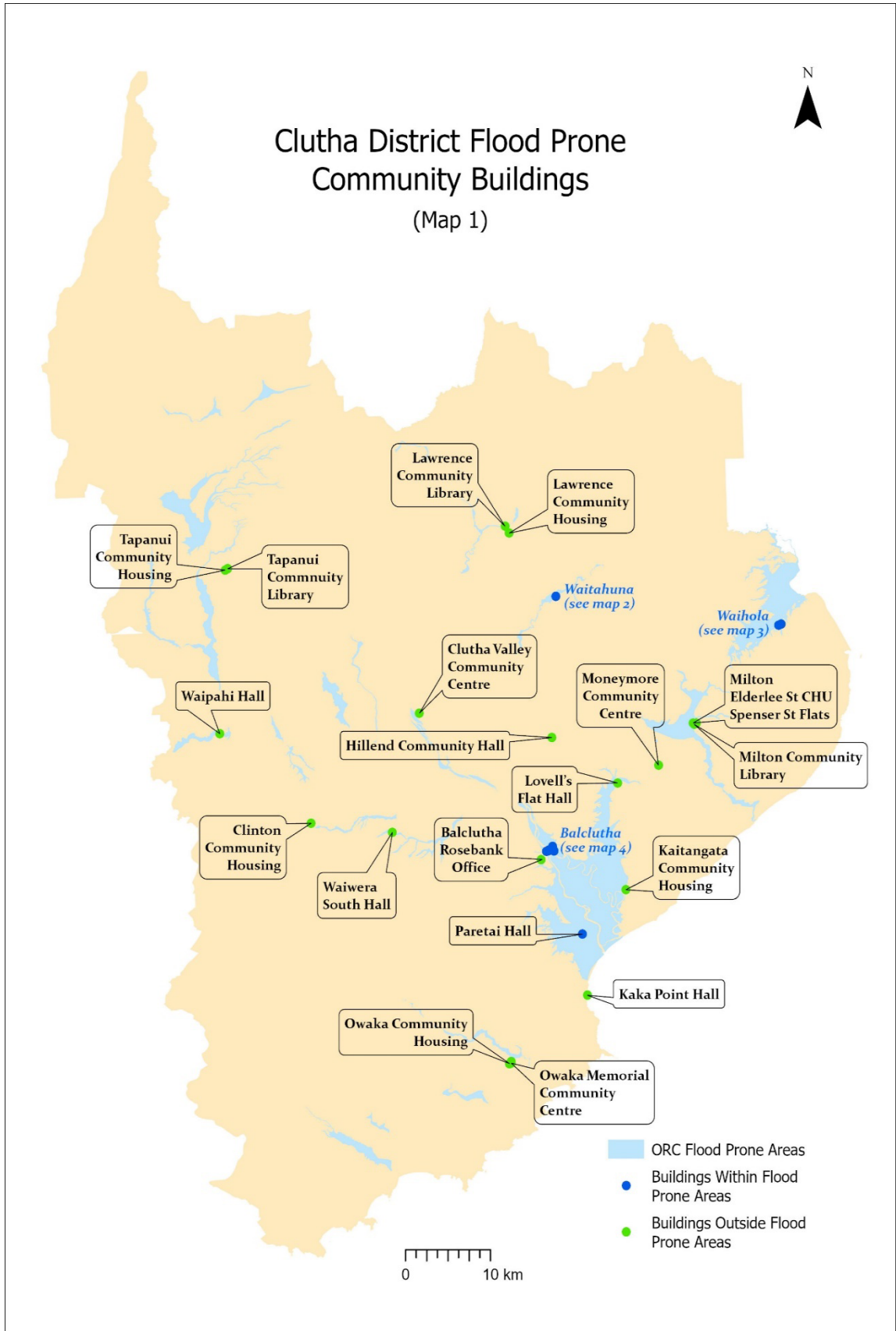


Figure 2. Council Facilities Flood Risk Mapping

3.2 Solid Waste Asset Management

3.2.1 Mt Cooee New Landfill and Transfer Station

Leach & Co have produced a report providing advice on possible construction techniques for the new landfill and transfer station. The report provides estimated timelines and costs for the project. The project team is now reviewing the report and incorporating input from the operations team for scoping.

3.3 Fleet

We have been finalising the new vehicle memo, which is now ready for final approval. This memo outlines our planned vehicle acquisitions, reflecting extensive research and careful planning to ensure alignment with our fleet management strategy. In developing this final version, we conducted a detailed analysis of current and future fleet requirements, engaged with key stakeholders, and evaluated various vehicle models for suitability and cost-effectiveness. The process has been thorough and strategic, ensuring that the recommendations are well-founded and meet the operational needs of our teams efficiently.

4. Solid Waste

4.1 Project 500022,500023, 500021 Mt Cooee – Upgrades, Construct Cell 1 & Cap Existing Cell

We are working with the Asset Team on the ORC consent application to continue operating a landfill and develop a Refuse Transfer Station and Resource Recovery Park at Mt Cooee (see section 3.3.1). We are also currently working with the support of Leach and Co. For early contractor engagement advice to expedite the process to allow a seamless transition to the new landfill cells and Refuse Transfer Station. We are currently working with the CDC Operations Team to obtain any operational needs for the Refuse Transfer Station. The next stage is to find a suitable clay within the district for the construction of the 1st cell. The estimation of the volume of the clay is 10,170 m³.

5. Capital Projects – Roading

5.1 Contract 858 – Reseal and Pre-Seal Repairs

The contract was awarded to Fulton Hogan. Year 2 is off to a great start, with 100% of 32km of the pre-seal repair works completed and 75% of 32km of the reseal completed to date. We are identifying additional sites to be included in the Year 2 list due to an increase in budget from NZTA by \$1M, below table show the new budget figures.

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
300044	300010	Re-seal Year 2	\$3,504,067	\$470,491	\$3,033,576	\$3,033,576	\$0
300035*	300010	Pre-seal Repair Year 2	\$300,000	\$300,000	\$0	\$0	\$0
Totals			\$3,804,067	\$770,491	\$3,033,576	\$3,033,576	\$0

6. Capital Projects – 3-Waters

6.1 Milton Manganese Reduction Project

Following decision to conduct a further study towards a specific treatment process (Potassium Permanganate) to address the Mn and Fe Levels detected at the Milton Water Supply network, RFP was sent to professional services consultants for delivery of redefined scope. Offer of services was received and evaluated, the works was awarded to Fluent Solutions 21/10/2024.

The kick-off meeting was held on the 18/10 2024, confirming the scope and further information required for the project. The site meeting was held on 30/10/2024 and further information and sampling requests have been received with a request for an extension for completion of Stage 1 from 4/11/2024 to 18/11/2024 being tabled. The project team are working on the responses and confirming sampling schedules for within Milton WTP in the week starting 11 November.

Job Code	Project Code	Description	Budget 24/25	Cost to Date	Available Budget	Forecast Spend	Variance
350118	351064	Milton Mn & Fe Reduction Project	\$1,500,000	\$35,240	\$1,464,759	\$200,000	\$1,264,760*
Totals			\$1,500,000	\$35,240	\$1,464,759	\$200,000	\$1,264,760*

*To be carried forward to 2025/26 for physical works

6.2 Contract 842 – Hub Pump Station

- The streetlights have been delivered and in NES storage. NES will install the streetlight at the state highway, awaiting the traffic management plan.
- The isolation cabinet has been installed and the old switchboards have been removed.



Stormwater Small Switchboard

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
400090	400080	Hub Pump Station / Underground cabling	\$1,896,000	\$1,739,319	\$156,681	\$30,000	\$126,681
Totals			\$1,896,000	\$1,739,319	\$156,681	\$30,000	\$126,681

6.3 Contract 846 – Sewerage Treatment Plant Upgrade (Balclutha, Clinton, Waihola, Heriot & Kaitangata) – Contractor: Marshall Projects Ltd

- Heriot/Kaitangata Waste Water Treatment Plant: The project is complete and under the defect’s liability period. There is no definite end date for the Final Completion at this stage as all the defects are required to be remediated. The operation team are investigating the defects and working with the contractor for remediation.
- Clinton Waste Water Treatment Plant: This plant is also fully commissioned and in operation. We are finalising the defects list and working with the CDC Operation Team for the contractor to remediate before the issue of the Practical Completion Certificate. The defects are aimed to be remediated by the end of this year. However, the contractor is focusing on getting Baclutha WWTP commissioned first before remediating the minor defects at Clinton.



UV at Clinton Waste Water Treatment Plant.

- Waihola Waste Water Treatment Plant: The final stage is working on the screening backwater supply. However, the work is delayed due to the water level in the wetlands (due to the recent flood event). See below (hex covers are floating on the gantry due to the rising level of the pond). The plant is 95% commissioned and we are finalising a defects list for the contractor to remediate before the issue of the Practical Completion Certificate. The work will not be resumed until the wetland water level is low. The defects are aimed to be remediated by the end of this year. However, the contractor is focusing on getting Baclutha WWTP commissioned first before remediating the minor defects at Waihola.



Hexcover on the gantry at Waihola WWTP

- Balclutha Waste Water Treatment Plant:**
 The inlet screen tank and the waterline are installed, and ready to be connected to the screen for its backwash system (see below). The next stage is to continue the electrical work and recirculation pumps and finish off the screen work. It is aimed to be fully commissioned before end of this year.



Inlet screen tank setting for Balclutha WWTP Inlet



Screen waterline to setting Balclutha WWTP inlet

Job Code	Project Code	Description	Total Budget	Cost to Date (work completed)	Available Budget Left (carry forward 24/25)	Forecast Spend (under C846 only)	Variation
400101	400083	Kaitangata and Heriot Sewerage TP Upgrade	\$572,010	\$572,010	\$0	\$0	\$0
400024	400029	Waihola Sewage Treatment Plant Upgrade	\$1,150,855	\$1,043,876	\$106,979	\$6,287	\$100,693
400022	400027	Balclutha Sewage Treatment Plant Upgrade	\$3,162,215	\$2,582,505	\$579,710	\$218,661	\$361,049
Totals			\$4,885,080	\$4,198,391	\$686,689	\$224,948	\$461,741

*Total budget and cost to date are associated with the works from FY 2019. The allocated budget for this FY is \$392,971
 Note: The Cost to Date includes contingency.

6.4 Contract 849 - Milton to Waihola Pipeline

- The Milton Waihola Water Supply Scheme is now operational. The remaining work on this project is security fencing and driveway construction for Milburn Pump Station. There are some defects still being corrected.

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
350061		Milton Waihola Water Supply Scheme	\$5,976,882	\$5,502,215	\$474,666	\$474,666	\$0
Totals			\$5,976,882	\$5,502,215	\$474,666	\$474,666	\$0

6.5 Balmoral/Tuapeka Rural Water Scheme & Lawrence New Supply

- This project has been split into 2 contracts:
 - Contract 850 – Installation of the pipeline; contractor - Southern Trenching Ltd
 - Contract 865 – Construction of the pump stations, treatment plant and bores; contractor - Cowley Electrical Dairy and Pumps

JOB-STATUS SUMMARY

Progress

1) Contract 850 – Pipe Installation

Only the pipe section into Lawrence is still to be completed:

- Approximately 200m of DN180 PE pipe is to be laid from the top (south end) of Whitehaven Street to Thurso Street in Lawrence; to make the final connection.
- Installation of the Pressure Reducing Valves (PRVs) at the top of Whitehaven Street.
- Completion of documentation e.g. as-builts.

The outstanding work can be completed when the PRVs arrive. Construction is expected to start in October 2024 and the expected completion of the pipeline is by the end of November 2024.

2) Contract 865 – Pump Station Installation

Borefield

- Pipework and ducting are currently being installed between bores. Completion is expected by the end of October 2024.
- Pricing received for the borehead and electrical installation. All pricing is now received for the Borefield.

- The new borefield will include an extension to the Pomahaka-Clydevale treatment building where the new switchboard will be installed.
- The pumping testing indicated the three Greenfield bores reached the overall scheme target flow of 120 L/s, with each bore reaching 70 L/s during testing, however, 50 L/s peak operational flow for each bore is recommended.
- Water quality results from Well 1 show it is suitable to supply water to the scheme. Water quality results for Wells 2 and 3 were not taken at the correct time (during flow testing) and need to be re-tested by the drilling contractor. Re-testing commenced Monday 18 November, results and findings should be available 4 weeks from this date.



Photo 1 – Well 1

Treatment Plant

- Civil works underway
- Building design underway
- UV units ordered
- Transformer ordered
- Reservoir design received and amendments proposed
- All pricing received



Photo 2 – Work underway on the WTP site

Lower Greenfield Pump Station (Greenfield Road)

- This was complete at the end September
- Tank installed
- Building constructed
- Switchboard in place
- Transformer installed
- All underground pipes installed
- Aboveground pipework in progress (90% complete)
- A connection to the transformer from the power poles (including easement) is required before powering up the pump station.



Photo 3 – Lower Greenfield Pump Station – pumps and pipework installed.

Upper Greenfield Pump Station (Greenfield Road/Cairn Road corner)

- This was complete at the end September
- Tank installed
- Building constructed
- Switchboard in place
- Transformer installed
- All underground pipes installed
- Aboveground pipework in progress (95% complete)



Photo 4 – Upper Greenfield Pump Station – progress on the pipework

Cairn Road Pump Station (Waitahuna West Road / Cairn Road)

- Building constructed
- Switchboard installed
- Aboveground pipe in progress (80% complete)
- Transformer still to be installed



Photo 5 – Cairn Road Pump Station – Progress on Pipework

Planned Activities for Next Period (to end of October 2024).

- All Pump Stations complete
- Well pipework installed but not wellheads
- WTP building design complete
- Civil works and underground pipework for the Treatment Plant complete

Project Risks

- Financial risk: The ongoing chlorine residual study may affect our financial situation. If we only require one chlorine booster pump, there's no risk. However, if the study indicates a need for multiple pumps, it could lead to additional financial costs.
- Programme risk: The final program for the WTP installation is still to be received.
- Water quality: Final water quality tests are still to be received.
- Transformer delivery times: The current program is okay.

Health & Safety

- No incidents to report
- All visitors are to be inducted onto the site before entering.
- Health and Safety Audits completed on a fortnightly basis by the Contractor
- Traffic management in place at all sites.

Environmental Management

- No environmental issues found or reported
- No contaminated land found

Financial

Note: All figures below are GST-exclusive.

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
360201	361156	Balmoral/Tuapeka Rural Water Scheme & Lawrence New Supply	\$25,243,000	\$18,881,794	\$6,361,206	\$6,361,206	\$0
Totals			\$25,243,000	\$18,881,794	\$6,361,206	\$6,361,206	\$0

6.6 Contract 863 – Reservoir Civil Construction – North Bruce, Puerua, Lawrence and Moa Flat

- Puerua – Reservoir cut-in is scheduled for the 14 November and performance of rising water main pumps will be observed.
- North Bruce – Tasman tank completed the column installation. Filling was stopped due to leakage observed. Tasman Tanks was engaged for a rectification plan and schedule, internally we are targeting the week of the 11 November. In parallel concluding an internally discussion on the cut-in methodology, it was identified the cut-in would be preferable on the inlet of the old tanks versus the outlet. For change to occur we have engaged our professional service panel (Beca) to provide an engineered solution. We anticipate.
- Moa Flat – 3,000KL Tank installation was successfully constructed. Concluding an internal discussion held on the 15 October on the cut-in methodology, it was recommended to install an actuator on the inlet line to ensure backwash can be achieved on the plant. We are in process of obtaining quotes and a variation will be submitted to proceed.

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
360205	361121	Puerua Reservoir	\$846,000	\$553,124	\$292,876	\$292,876	0
360204	361113	North Bruce	\$787,000	\$747,929	\$39,071	\$44,335	-5,264.78*
360125	361049	Moa Flat	\$1,157,000	\$964,915	192,085	\$192,085	0**
Totals			\$2,790,000	\$2,265,969	\$524,031	\$529,296	

* Cost to be incurred for the change assessment.

** Anticipated Variation (Actuator), cost to be confirmed.

7 Capital Projects – Other

7.1 Taylor Park Cabins

- The four cabins currently located at Taylor Park are sold and are disconnected from the existing service connections. The Code of Compliance Certificate of the superstructure of four cabins is issued. We are currently working on the reinstatement options for the Taylor Park campground.
- Four cabins at OCF (Cabin 5-8) are close to be finished (90%) and ready for the final inspection by end of the November 2024
- Revenue from the sales of the first 3 cabins (excl. GST) has been received and is reflected in the financial table below.
- A staff report will be prepared for councillors which will provide options for the future of the additional six cabins, four of which are now nearing completion at Otago Corrections Facility.

Job Code	Project Code	Description	Budget	Revenue Received	Cost to Date	Available Budget	Forecast Spend	Variance
670008	670007	Taylor Park Cabins	N/A	\$198,261	\$798,434	N/A	\$401,566	\$1,200,000
Totals			N/A	\$198,261	\$792,184	N/A	\$407,815	-\$1,001,739

The remaining forecast expenditure is for the outstanding material/construction costs of the remaining 6 cabins

7.2 Contract 845 - Milton Mainstreet Underground Utilities

- In October, stage 3 of the underground power cable installation along the East Side of Union Street. Concurrently, the Ø63 rider main was installed within the same trench, with all required separations maintained between the utilities. The progress was notable, with the project advancing and is ahead of schedule.



Inside property connection with power cable installed under crusher dust and warning tape on Union Street.

- On the last section of duct installation across Abercrombie Street, an unexpected blue stone culvert was uncovered. As the trenching was deeper than the existing culvert,

water began to fill the trench. Work was immediately halted, and both the Heritage Properties team, Engineers Rep and CDC representatives were called to assess the situation.



Abercrombie St. - Blue stone Culvert Pre 1900 Feature

- After discussion and recommendation from the Heritage Properties we submitted a new design comprising of the remedial action to the stone culvert without further disturbance. After consultation with the relevant authority an agreement on the appropriate course of action was reached and work resumed. Majority of works on the initial contract is near closure with testing to be undertaken.

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
450044	450045*	Stormwater	\$3,852,000	\$3,805,806	\$46,194	\$139,382	-\$93,188
400107	400084*	Foul Sewer	\$580,000	\$831,534	-251,534	\$94,701	-\$346,235
350124	351087*	Water	\$556,000	\$516,172	\$39,828	\$132,940	-\$93,112
310003	310002**	Streetscape costs including undergrounding	\$5,000,000	\$1,747,575	\$3,252,425	\$430,790	\$2,821,635
Totals			\$9,988,000	\$6,901,77	\$3,086,914	\$797,814	\$0

*3 Waters urban budgets will be utilised for job code overspending

** Includes undergrounding budget

- **Separable Portion A (Stormwater Pipeline Extension)** – The scope involved replacing the Ø225 earthenware pipe with a Ø300 UPVC pipeline, extending from the Abercrombie Street manhole to the Cowper Street manhole. A total of 128 meters of

Ø300 UPVC stormwater pipe was successfully installed, along with 5 x stormwater lateral connections and a mud tank connection.



Milton Union Street – Machinery used on the Stormwater Pipeline Extension.

Separable Portion D (Footpath Reinstatement) – Was awarded and will commence latter January 2025

7.3 Contract 880 – Milton Community Pool/Library Hub Project

The Special Consultation Process has now ended, and there were 620 submissions in total. A public hearing will be conducted on 7 November 2024, where members of the public are entitled to raise their positive/negative feedback in regard to the project. A final decision on the fate of this proposed project will occur during a Council meeting on 5 December 2024.

Job Code	Project Code	Description	Total Budget	Cost to Date	Available Budget	Forecast Spend	Variance
570011	570007	Milton Pool	\$13,979,690	\$578,906	\$13,400,784	\$14,831,664	-\$1,430,880
560010	560019	Milton Library	\$4,000,293	\$168,807	\$3,831,486	\$3,845,311	-\$13,825
Totals			\$17,979,983	\$747,713	\$17,232,270	\$18,676,975	-\$1,444,705

7.4 Contract 883 – Mt Coee Leachate Pump Station and Owaka Wastewater Pump Station

Mt Coee:

- Isaac’s have finished shaping up the leachate pond.

- Isaac's will tidy up the site, put topsoil and grass seed down. They will be finished with all the sitework.



New leachate Pond Levels



Mt Cooee Recent Photo

Owaka:

- Isaac's have finished the installation of the plinths and the new switchboard.
- Isaac's finished the installation of the concrete pad and fences.
- Isaac's will fix the fence and tidy up the site. They will then be finished with all the sitework.



Owaka New Fence



Owaka Culvert

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
400091	400082	Owaka Wastewater Pump Station Renewal	\$1,669,520	\$1,424,233	\$245,286	\$245,286	\$0
500011	500009	Mt Cooe Wastewater Pump Station & Leachate Pond Renewal	\$1,940,000	\$750,415	\$1,189,585	\$200,000	\$989,585
Totals			\$3,609,520	\$2,174,648	\$1,434,872	\$445,286	\$989,585

7.5 Balclutha Pool Filter Replacement Project

- Additional improvements of the filtration system, a vacuum transfer and sodium bisulphate mixing tank is on track for mid-December. The installation will not affect the day-to-day running of the public pool.



Balclutha Centennial Swimming Pool Perlite Filters

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
570015	570011	Balclutha Filter Replacement	\$500,000	\$210,000	\$290,000	\$290,000	\$0
Totals			\$500,000	\$210,000	\$290,000	\$290,000	\$0

8. Projects in Design Phase

8.1 Contract 892 – Milton-Tokoiti Water Network Extension

- Fluent Solution was commissioned to engineer a water network extension to provide adequate potable water for firefighting, expansion of transitional resource area and the Tokoiti network. The concept design and tender documents are being finalized. The project will go out for tender in March 2025.

Job Code	Project Code	Description	Budget 24/25	Cost to Date	Available Budget	Forecast Spend	Variance
350104	351085	Milton-Tokoiti Water Network Extension	\$615,000	\$42,235	\$572,765	\$572,765	\$572,765
Totals			\$615,000	\$42,235	\$572,765	\$572,765	\$572,765

8.2 Project No. 400064 – Connecting Stirling to Balclutha Sewer Network

- The project is currently in the investigation phase, exploring options to transport sewage from Stirling to the Balclutha network. A feasibility study will assess the viability of both land treatment and direct pipeline solutions.

Job Code	Project Code	Description	Budget 24/25	Cost to Date	Available Budget	Forecast Spend	Variance
400105	400064	Connecting Stirling to Balclutha Sewer Network	\$500,000	\$0	\$500,000	\$500,000	\$0
Totals			\$500,000	\$0	\$500,000	\$500,000	\$0

8.3 Project No. 362016 – Mt Mistake Pump Station Replacement

The site assessment was carried out from ground level and considered the overall condition of the building, and all assets contained inside, the deterioration of a pump station building and switchboard over time is a matter of concern. Additional quotations are in progress of been obtained to proceed awarding the work targeted for later November.



Mt Mistake Pump Station Exterior



Mt Mistake Pump Station Interior

Job Code	Project Code	Description	Budget 24/25	Cost to Date	Available Budget	Forecast Spend	Variance
	362016	Mt Mistake Pump Station Replacement	\$115,166	\$0	\$115,166	\$105,702	\$9,464
Totals			\$115,166	\$0	\$115,166	\$105,702	\$9,464

*To be carried forward to 2025/26 for physical works

8.4 Project No.351050-Balclutha WTP Intake Upgrade Project

This project has been recommenced following decision on preferred option to pursue further in the detailed design phase. Amendments to the design has been referred to Stantec the professional services consultant previously engaged for this project on the 17/10. A site meeting was held on the 21/10 to confirm scope for the detailed design phase. Stantec to submit a new offer of services (OOS) based on the redefined detailed design scope. Proposed OOS has been received, reviewed and conveyed to Stantec for finalisation prior to submission. The internal stakeholders will finalise the concept plan for detailed design work on the 11 November 2024. Design phase is due on the 20 December 2024.

Next step is to approve the OOS

Job Code	Project Code	Description	Budget 24/25	Cost to Date 24/25	Available Budget	Forecast Spend	Variance
	351050	Balclutha WTP Intake Upgrade	\$617,465	\$0	\$617,465	\$617,465	\$0
Totals			\$617,465	\$0	\$617,465	\$617,465	\$0

8.5 Project No. 450033 – Balclutha Stormwater Renewal Project

RFP submissions due 11 October 2024. GHD services have been reinstated to continue with the detailed design work for 6 weeks from 14 October - 22 November. Preferred alignment option through private properties has been confirmed with the design team. Ongoing communications with GHD design team regarding progress of detailed design work.

Job Code	Project Code	Description	Budget 24/25	Cost to Date 24/25	Available Budget	Forecast Spend	Variance
450037	450033	Balclutha SW Main Renewal	\$572,202*	\$12,968	\$464,234	\$464,234	\$0
Totals			\$572,202	\$12,968	\$464,234	\$464,234	\$0

* The initial allocated budget of \$572,202, of which \$95,000, was reallocated for Milton Main Street Utilities/SW's Main Renewal project.

8.6 Project No. 450042 – Lawrence Hospital Creek Improvements Project.

Defining scope of physical works required for Hospital Creek improvements using the outcomes in the Stantec report 2020 on Hospital Creek assessment. A site meeting is scheduled on the 13 November with a community rep/ local contractor who is familiar with upgrade works on Hospital Creek, to confirm the physical works scope.

Job Code	Project Code	Description	Budget 24/25	Cost to Date 24/25	Available Budget	Forecast Spend	Variance
450043	450042	Lawrence Hospital Creek Improvements	\$250,000	\$0	\$250,000	\$250,000	\$0
Totals			\$250,000	\$0	\$250,000	\$250,000	\$0

8.7 Project No. 450043 – Lawrence Stormwater Main Renewal Project

This project is in design phase and the works has been awarded to Terramark Ltd on the 21 October 2024. Duration for design work and tender documentation is 5 weeks. Due date is the 27 November 2024. Scheduled topo level survey has been completed.

Job Code	Project Code	Description	Budget 24/25	Cost to Date 24/25	Available Budget	Forecast Spend	Variance
450049	450043	Lawrence Hospital Creek Improvements*	\$136,000	\$0	\$136,000	\$136,000	\$0
Totals			\$136,000	\$0	\$136,000	\$136,000	\$0

8.8 Project No. 351060 – AC Milton Watermain Renewal Project

Urgent works has been identified on Union Street Milton, due to NZTA scheduled asphalt works by end of November 2024. Two packages have been prepared, urgent and non-urgent works to meet the set deadline provided.

Andrew Haulage provided a price to deliver the works under the current Contract 845 with two separable portions B and C for additional scope. Completion dates set on the 22 November 2024 and 20 December 2024 for sep-B and sep-C respectively. Progress for works is 70% for sep-B and 20% for sep-C.

Table Separable Portion B Financial

Job Code	Project Code	Description	Budget 24/25	Cost to Date 24/25	Available Budget	Forecast Spend	Variance
351029	351060	Milton AC Mains Renewal	\$0	0	\$0	\$165,000	\$165,000*
Totals			\$0	\$0	\$0	\$165,000	\$165,000

* 3 Waters urban budgets will be utilised for job code overspending

Table Separable Portion C Financials

Job Code	Project Code	Description	Budget 24/25	Cost to Date 24/25	Available Budget	Forecast Spend	Variance
351029	351060	Milton AC Mains Renewal	\$100,000	0	\$100,000	\$231,660	\$131,660
350089	351059	Milton Concrete Pipeline Renewals	\$100,000*	0	\$100,000	\$0	\$100,000
351030	351048	Balclutha AC main renewals	\$100,000*	0	\$100,000	\$0	\$68,340
Totals			\$100,000		\$300,000	\$231,661	\$36,660

* 3 Waters urban budgets will be utilised for job code overspending

8.9 Contract 888 - Tank Farm Reservoir Project.

- The open tender for tank procurement was published on the Government Electronic Tenders Service (GETS) on 23 October 2024, with a closing date of 21 November 2024.

- Four of the eleven sites require finalised land agreements. Discussions with the Rural Water Committee Chairman and the respective landowners are ongoing assisting in secure these agreements.
- The civil and plumbing contract will be awarded through an open tender process, subject to the completion of landowner agreements. The tender is expected to be published on GETS by the fourth week of November



30m3 New Plastic Tank Farm Reservoir

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
350085	351022	Waihola Reservoir renewals programme	\$651,873	\$235,141	\$416,732	\$416,732	\$0
360133	361063	Richardson Oakleigh Road Reservoir assessment and renewals	\$551,975	\$43,668	\$508,307	\$508,307	\$0
360221	361143	Tuapeka East Breakneck Reservoir upgrade	\$543,907	\$9,265	\$534,642	\$534,642	\$0
360220	361142	Tuapeka West Main (Cockleshell) Reservoir upgrade	\$489,493	\$11,961	\$477,532	\$477,532	\$0

350099	351023	Kaka Point Reservoir renewals programme	\$488,653	\$13,945	\$474,708	\$474,708	\$0
350100	351066	Owaka Reservoir upgrade	\$476,725	\$8,509	\$468,216	\$468,216	\$0
360219	361139	Mt Stuart Reservoir upgrade	\$442,721	\$9,873	\$432,848	\$432,848	\$0
360211	361090	Pomahaka Main Reservoir upgrade	\$441,524	\$12,568	\$428,956	\$428,956	\$0
360222	361146	Wangaloa Reservoir upgrade	\$440,414	\$14,779	\$425,635	\$425,635	\$0
360214	361097	Glenkenich Main Reservoir upgrade	\$216,468	0	\$216,468	\$216,468	\$0
360262	361140	Tuapeka West Heathcote Reservoir upgrade	\$93,695	0	\$93,695	\$93,695	\$0
Totals			\$4,837,448	\$359,709	\$4,477,739	\$4,477,739	\$0

8.10 Contract 868 - Clydevale Bore Security Project

- On 1 November, the Draft Clydevale Borefield Options Assessment Report was received from Beca. The report presents two potential options and recommended the second option as the more cost-effective solution. Below are the two options,

Option 1

- Upgrade Bore 4 pump, bore head and VSD.
- Drill 2 new bores to replace older Bores 1, 2 and 3 (targeting flow rates comparable to Bore 4)
- Total expected estimate (excl. GST) (Excluding Design fees, Client costs, planning & consenting, property & access) - \$1,300,000

Option 2

- Upgrade and raise bore heads of Bores 2 & 3 above ground to meet the Sanitary Bore Head Requirements of the Drinking Water Quality Assurance Rules
- Drill 1 new bore to replace Bore 1
- Total expected estimate (excl. GST) (Excluding Design fees, Client costs, planning & consenting, property & access) - \$690,000

- Discussions with the operations team and the Rural Water Committee are ongoing to confirm the recommended option and the budget required to complete this project. Currently, the budget carry-forward for this year is \$111,706.

- Based on the provided option and available budget, it is foreseen that additional funding will be required. This matter will be raised with the RWS committee.



Clydevale WTP Bore No.4

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
360212	361092	Clydevale Bore Security Improvements	\$111,706	\$38,294	\$73,412	\$73,412	\$0
Totals			\$111,706	\$38,294	\$73,412	\$73,412	\$0

8.11 Project No 351061 - Milton (Milburn) WTP upgrade to 5,000 m3/day

Beca has provided a report on increasing the capacity of the Milton Water Treatment Plant (WTP) from 3 MLD (million liters per day) to 5 MLD.

Report includes:

- Water intake
- Pre-Filtration
- Coagulation and Flocculation assement
- Expansion of Membrane Filtration
- Treated Water Pump and capcity

The proposed recommendations and associated costs to upgrade the Milton WTP capacity from 3 MLD to 5 MLD are approximately \$4.5 million. We are currently exploring alternative options to achieve this capacity increase.



Milton WTP Membrane Unit No.1

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
350117	351061	Milton (Milburn) WTP upgrade to 5,000 m3/day	\$109,308 (year 2024-25)	\$0	\$109,308	\$109,308	\$0
Totals			\$109,308	\$0	\$109,308	\$109,308	\$0

8.12 Project 30013 – Structures Component replacements (Category 215)

- The report “2022/2023 Bridge and Other Structure Inspections” issued in July 2023 identified the below list which included various types of work on 28 different bridges under work category 215.
- The repair works in 18 out of the 28 bridges require design works, Our Roads & bridges Consultant (Beca) is currently inspecting these 18 bridges to assess, verify and prioritise the works. The design stage is planned to start in December 2024.
- The repair works in the remaining 10 bridges will be carried out under our general maintenance programme.

Bridge No	Road Name	Repair Description
157	Fleming Road	New abutments (over 2 years)
157	Fleming Road	Replace timber running boards and reseal the deck.
454	Mitchells Flat Road	New Abutments
245	Bridge No 245 (Cullen Access)	Timber deck replacement. Re-coat protective painting system.
395	Park Hill Road	New steel beams and timber deck
451	Waipori Road	New steel beams and timber deck
480	Cowan Road	New steel beams and timber deck
480	Cowan Road	Timber kerb snapped at DS side replace 200x150 6m long
68	Toko Mouth Road	Install concrete head wall and wing walls to repair the grout in loose stone walls (5)
378	Moa Flat Road	Replace the damaged handrails with new handrails
212	The Bonnett	Add and tighten new C clips fixing the spiking piece to the steel beams as the existing are loose due to shrinkage of timber. Some are up to 5mm gap, this will allow the deck to vibrate when vehicles cross
347	Roxburgh Street	Deck joints deteriorated, water leaking through joints and some debris built up at abutments. Replace the joints seal.
19	Coast Road	Jack up the bridge concrete deck. Replace rubber bearing and drop the deck. Reinstate approaches.
273	Greenfield Road (West)	Repair both aprons as they are starting to break up.
312	Papatowai Highway	Install gabion baskets at both banks on the U/S of the abutments approx. 10m long 2 tiers high on RB and 6m long on LB
221	Hunt Road (Catlins)	Drive UC adjacent to the U/S RB wingwall as the cracks open up again after previous repair wingwall seems moving away from the abutment
182	Kaka Point Road	Base of wingwall exposed place rock riprap approx. 12 cubes
231	Tahakopa Valley Road	Replace concrete kerb block broken at U/S RB corner

189	Kaka Point Road	D/S LB wingwall suspended due to ground settlement, carry out repair similar to U/S RB wingwall with additional concrete and riprap
86	Winslade Road	Repair the broken wires in the DS handrails
103	Rongahere Road	U/S TR gabion at wing wall lost all of its stone replace (5)
372	Wilden Runs Road	Install gabion baskets at U/S TL bank and wingwall to stop river scouring.
249	Fleming Road (Waiwera)	D/S T/R handrail post lost support bolt corroded Reinstall.
220	Hunt Road (Catlins)	U/S T/L scouring from road run off (4) add gabions and riprap
331	Switzers Road	One section guardrail damaged on D/S LB 4m long replace
470	Gabriels Gully Road	Scouring under LB abutment top up Rock riprap
470	Gabriels Gully Road	Gabions at U/S RB wingwall tilted. Top up rock riprap at the base
187	Port Molyneux Road	U/S and D/S bottom gabion has lost most of its stone and making the 2nd layer bulge. Refill gabion or replace. [5]
75	North Branch Road	Replace 200x100 2m long kerb piece broken at U/S LB corner
166	Fleming Road (Waiwera)	D/S TL hold bolt NUTs rusty clean and paint. [5]
28	Storer Road	Repair the broken sight rail 150x30 3m long at South end

Table 1 Bridges location & repair works description

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
300047	300013	215 - Structures component replacements	\$741,000	\$0	\$741,000	\$741,000	\$0
Totals			\$741,000	\$0	\$741,000	\$741,000	\$0

8.13 Project 30063 – Bridges Renewals (category 216)

- The project’s objective is to replace 10 road bridges (as listed in *Table 1* below) over the coming 3 years to open our road network to MAX and HPMV vehicles.

Bridge #	Location	Ward	Span* (m)	Lanes
121	Taumata Road	Clinton	6	1
134	Hillfoot road	Clinton	7	1
147	Slopedown Road	Catlins	9	1
173	Waitepeka Road	Balclutha	8	2
223	Katea Road	Catlins	5	1
443	Chapman Road	Lawrence/Tuapeka	9	1
386	Franklin road	West Otago	2	2
453	Mitchells Flat Road	Lawrence/Tuapeka	3	2
466	Corkscrew Road	Lawrence/Tuapeka	3	1
475	Mitchells Flat Road	Lawrence/Tuapeka	4	1

Table 1 Bridges location & description

Project’s Delivery Strategy:

- Carry out the surveying and soil investigation works.
- Develop a standardised “Specimen Design” applicable for the 10 Bridges.
- Publish a Design & Build tender for the 1st package (3 bridges; 121, 134, 147).
- Publish a Design & Build tender for the 2nd package (5 bridges) and then the 3rd package (2 bridges) over the next 2 years.

Progress Update:

- Surveying and soil investigation physical works completed for package 1 and reports are underway, physical works ongoing for 2 bridges in package 2 (Bridges 173, 223).
- Design and Tender Documents for package 1 are underway and planned for completion in January 2025.
- The Tender of package 1 is planned to be published on GETS by February 2025.



Bridge 121 – Taumata Road - Clinton



Bridge 134- Hillfoot Road - Clinton



Bridge 147 – Slopedown Road - Catlins

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
300084	300063	216 - Bridges renewals	\$ 2,124,000	\$ 65,292	\$ 2,058,708	\$2,058,708	\$0
Totals			\$ 2,124,000	\$ 65,292	\$ 2,058,708	\$2,058,708	\$0

8.14 Project – Water Supply Pipelines Renewals (Lawrence, Tapanui, Glenkenich, Richardson and Balmoral)

- The table below summarises the scope of work in each location in terms of priority. However, the final scope of work will be identified after developing a detailed cost estimate against the available budget.

Project No.	Location	Scope of Work
351007, 351071	Lawrence	<ul style="list-style-type: none"> Replace or cancel (based on design outcome) 786m of 100mm AC main on SH8. Replace 115m of 80mm AC main supplying the school on Harrington St. Replace 249m of 80mm AC main on Colonsay Street.
351010, 351068	Tapanui	<ul style="list-style-type: none"> Replace 465m of 100mm AC main on Warwick Street. Replace 800m of 100mm AC main around Cumberland Place and Somerset Street (Option 2).
362020	Balmoral 2	<ul style="list-style-type: none"> Replace 964m of 150mm AC main on Hillend Road (from Coe Rd to Gordon track).
361024	Glenkenich	<ul style="list-style-type: none"> Replace 832m of 150mm AC main between Donald Road and McPhail Road
361165	Richardson	<ul style="list-style-type: none"> Replace 4,144m of 65/80mm PVC between Clifton Road and Kaihiku Road

Table 1 location & Scope of Work

Project's Delivery Strategy:

- Carry out any required site surveys, modeling, design calculations.

- Prepare a method statement, H&S guidelines, testing & commissioning plan for the 5 locations.
- Finalise the scope of work based on cost and budget analysis.
- Prepare separate tender packages (Measure & Value Contract) for the 5 locations.
- Carry out the work and hand it over to operations and asset management teams.

Project Progress:

- Surveying works completed.
- Design and Tender Documents are underway and planned for completion by end of November.
- The Tender of package 1 is planned to be published on GETS by November 2024.

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
350025	351007	Lawrence pipeline renewals programme	\$64,119	\$0	\$64,119	\$64,119	\$0
350027	351010	Tapanui pipeline renewals programme	\$179,532	\$0	\$179,532	\$179,532	\$0
350101	351068	Tapanui AC pipeline Renewals	\$359,065	\$0	\$359,065	\$359,065	\$0
350120	351071	Lawrence AC Pipeline Renewals	\$474,478	\$0	\$474,478	\$474,478	\$0
360167	361024	Glenkenich pipeline renewals	\$136,620	\$0	\$136,620	\$136,620	\$0
360249	361165	Richardson Upgrades/Renewals for Pipelines	\$250,000	\$0	\$250,000	\$250,000	\$0
NA	362020	Balmoral 2 AC Main Renewals	\$150,000	\$0	\$150,000	\$150,000	\$0
		Total	\$1,613,814	\$0	\$1,613,814	\$1,613,814	\$0

8.15 Project – Water Plant Backwash Treatment System (Tapanui, Milton, Kaitangata)

- The backwash of the three plants is currently discharging to the water stream. Due to compliance requirements with ORC (Otago Regional Council) discharge consents, we need to find an alternative solution. We are also looking to assess the existing backwash systems condition and capacity and carry out any upgrades/ refurbishments that might be required in each plant.

- The budget allocated for FY 2025 is for scoping and engineering works (\$ 100,000 each), the budget for carrying out the works is allocated for FY 2026 (\$ 500,000 each).

Project’s Delivery Strategy:

- Carry out any required site surveys, assessments, studies and modeling.
- Carry out the Design Works.
- Finalise the Scope of Work based on cost and budget analysis.
- Prepare separate tender packages for the 3 locations.
- Carry out the work and hand it over to operations and asset management teams.

Project Progress:

- Communication with ORC is underway to obtain clarity on the most viable solution before moving forward with design.
- Working with our operations team on the scope of works for required upgrades in Kaitangata water plant.

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
NA	352007	Kaitangata Backwash treatment System	\$100,000	\$0	\$100,000	\$100,000	\$0
NA	352008	Tapanui backwash treatment system	\$100,000	\$0	\$100,000	\$100,000	\$0
NA	352009	Milton Backwash Treatment System	\$100,000	\$0	\$100,000	\$100,000	\$0
Totals			\$300,000	\$0	\$300,000	\$300,000	\$0

8.16 Project 400030 – Balclutha Pump Station Renewals

The project’s Scope is:

- Reinstate 3 wastewater pump stations (Gormack St, Gypsy St and Koau).
- Raise the platform of Gormack Pump Station 1.5 meters above existing level as it’s currently exposed to floods and stormwater.
- Assess and advise on the structural safety / integrity of the wet wells of the 3 pump stations (Gormack St, Gypsy St and Koau).
- Replace 1 pump in Gormack, St. Andrew and Gypsy stations.
- Replace all worn-out valves / fittings / meters ...etc. of the 3 pump stations (Gormack St, Gypsy St and Koau).

Project Progress:

- Assessment completed by consultant (GHD).
- Design and Tender Documents for Gormack PS are underway and planned for completion by end of November.
- The Tender of Gormack PS is planned to be published on GETS by November 2024.
- Depending on the tender outcome and the budget, we will decide when to start on Gypsy and Koau stations.

Gormack St Pump Station	
	
	
Location:	- 65 Gormack St

Gypsy Pump Station



Location:

- Gypsy St. - Hasborough Place, Opposite ORC driveway

Koau Pump Station



Location:

- Koau - 2 High Street just before the railway tracks heading to Owaka

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
400048	400030	Balclutha Pump Station Renewals	\$147,566	\$0	\$ 147,566	\$147,566	\$0
Totals			\$147,566	\$0	\$ 147,566	\$147,566	\$0

8.17 Project 640042 Housing Unit Maintenance Component Replacement Programme

Housing Unit Maintenance Component Replacement Programme was approved in 2024 - 34 Long Term Plan Projects List by the council. There is \$400k allocated in 24/25, \$408k in 25/26 and \$416.8k in 26/27. It is intended for the community housing unit maintenance programme. The total budget for this project is \$1.22 million.

From the financial year 2024 to 2027, it was decided to focus on Naish Courts Community Housing Units (15 units), Waihola Community Housing Units (5 units) and Owaka Community Housing Units (6 units). As these three Community Housing sites require the most attention for renewal works.

It is proposed that the replacement of the Windows Installation Programme for Naish Courts Community Housing Units be commenced prior to the major construction work (while waiting for the designs and building consents at the current stage). The reason for this is that some units are currently not compliant with the Healthy Homes Standards as advised by our consultant, Betta Property Compliance. This will bring them up to standard as soon as possible. No design and no building consent is required for this prior project. The contractor can commence the construction during the golden summer period as well. There is adequate funding and resources this 24/25 financial year for the Windows Installation Programme.



Figure 1. Naish Courts Community Housing Units (64 Charlotte Street, Balclutha)



Figure 2. Waihola Community Housing Units (9 Nore Street, Waihola).



Figure 3. Owaka Community Housing Units (13 Burns Street, Owaka).

Job Code	Project Code	Description	Budget	Cost to Date	Available Budget	Forecast Spend	Variance
400048	640042	Housing Unit Maintenance Component Replacement Programme	\$ 400,000	\$8,358.94	\$391,641.06	\$165,000	\$226,641.06
Totals			\$ 400,000	\$8,358.94	\$391,641.06	\$165,000	\$226,641.06

15. Tender updates

The table below summarises the status of the procurement for the physical works for the projects:

Project No.	Project Name	Estimated Tender Date	Actual Tender calling date	PM	Status
Various project nos.	Tank Procurement (122 +/- 15%)	Oct-24	23 Oct 2024	Krunal	On track
Various project nos.	Farm tank construction (11 sites)	Oct-24		Krunal	Delayed ¹
450043	Lawrence SW Renewal	Oct-24		John	Delayed ²
310004	Balclutha Streetscape - Clutha Hub Car Park	Oct-24		Dredd	Delayed ³
362016	Mt Mistake Pump Station Replacement	Award Oct 2024		Kuben	Delayed ⁴
300013	215 - Structures component replacements	Nov-24		Ahmed	Delayed (Jan 2025) ⁵
351007, 351010, 351068, 351071, 361024, 361165, 362020	Pipeline Renewals (5 tenders for 5 Locations)	Nov-24		Ahmed	On track

¹ Delays due to finalisation of tank layout and land agreement with landowners

² Delays due to further study and budget allocation to include the scope needed to achieve the project objective

³ Delays due redesign to comply with the District Plan requirements

⁴ Award delayed due to additional scope requested (pump upgrade)

⁵ Moved to Jan 2025 to include the needed pre-work investigations to firm up the scope

Project No.	Project Name	Estimated Tender Date	Actual Tender calling date	PM	Status
400030, 402010	Balclutha Pump station	Nov-24		Ahmed	On track
300037	Footpath Kerb and Channel	Nov-24		Dambar	C845 ⁶ (MSQA-Dambar)
310002	Milton Main Street/Streetscape Project	Nov-24		Dambar	On track
351050	Balclutha WTP - Intake upgrade and Installation of Johnson Screen + Air backwash	Dec-24		John	On track
640042	Housing unit maintenance and component replacement programme	April 2025		Hebe	On track
450033	Balclutha Stormwater Network Renewal	Jan 2025		John	On track
300063	216 - Bridges renewals	Feb-25		Ahmed	On track
351085	Milton-Tokoiti Water Network Extension	Mar-25		Kuben	On track
352007, 352008, 352009	Backwash treatment system (tenders for 3 Locations)	Apr-25		Ahmed	On track

⁶ Awarded as a variation under Contract 845

Project No.	Project Name	Estimated Tender Date	Actual Tender calling date	PM	Status
400064	Connecting Stirling to Balclutha Sewer Network	Under review		Kuben	On track
500022, 500023, 500021	Projects relating to Mt Cooe	Under review		Hebe	On track
450035	Kaitangata SW Renewal	Nov-24		John	DEFERRED ⁷

⁷ Budget re-allocated to other projects