

STANDING COMMITTEES

THURSDAY 1 SEPTEMBER 2022

commencing at 1.30 pm

In the Council Chambers

1 Rosebank Terrace

Balclutha

CLUTHA DISTRICT COUNCIL

Notice is hereby given that a Meeting of the Service Delivery Committee will be held in the Council Chambers, 1 Rosebank Terrace, Balclutha on Thursday 1 September 2022, commencing at 1.30pm.

Steve Hill
CHIEF EXECUTIVE OFFICER

Committee Members

Councillor Bruce Graham (Chairman)
Councillor Dane Catherwood
Councillor Stewart Cowie
Councillor Wayne Felts
Councillor Gaynor Finch
Councillor Mel Foster
Councillor John Herbert
Councillor Lloyd McCall

Mayor Bryan Cadogan
Councillor Alison Ludemann
Councillor Ken Payne
Councillor Carol Sutherland
Councillor Jo-anne Thomson
Councillor Bruce Vollweiler
Councillor Selwyn Wilkinson

SERVICE DELIVERY COMMITTEE

1 SEPTEMBER 2022

APOLOGIES

DECLARATIONS OF INTEREST

No declarations of interest advised at the time of printing this agenda.

Item	Page #	Title
1.	4	Organisational Performance Report <i>(For the Committee's Information)</i> The report contains information on service request responsiveness.
2.	8	Group Manager's Update <i>(For the Committee's Information)</i> Sets out Service Delivery activities since the last meeting of the Committee, including an update on staffing issues within the department.
3.	10	Operations Update – Transportation and Facilities <i>(For the Committee's Information)</i> Reports progress on transportation and facilities matters within the department.
4.	14	Operations Update – Water and Waste <i>(For the Committee's Information)</i> Reports progress on water and waste matters within the department.
5.	19	Infrastructure Strategy Update <i>(For the Committee's Information)</i> The report provides information on various Projects/Contracts that are in progress at this time.
6.	25	Capital Delivery Update <i>(For the Committee's Information)</i> The report provides information on various Projects/Contracts that are in progress at this time.
7.	32	Compliance Update Report <i>(For the Committee's Information)</i> The report provides updates on compliance-related issues across the Service Delivery Department.
8.	43	2022 Rural Water Schemes Annual Meetings <i>(For the Committee's Information)</i> Minutes of the 2022 Rural Water Schemes Annual Meetings for noting.

Service Delivery Committee

Item for INFORMATION

Report	Organisational Performance Report – Service Delivery
Meeting Date	1 September 2022
Item Number	1
Prepared By	Jules Witt – Group Manager Service Delivery
File Reference	747163

REPORT SUMMARY

Customer Service Reporting (CSR) has been set up for the following activities:

- Water
- Roading
- Greenspace
- Kerbside

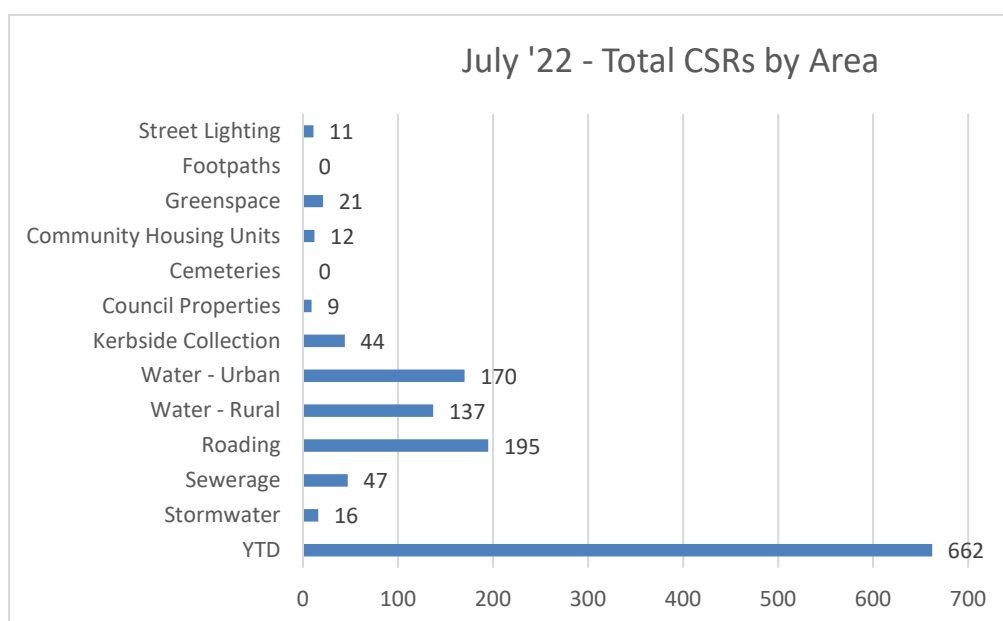
The report contains information on:

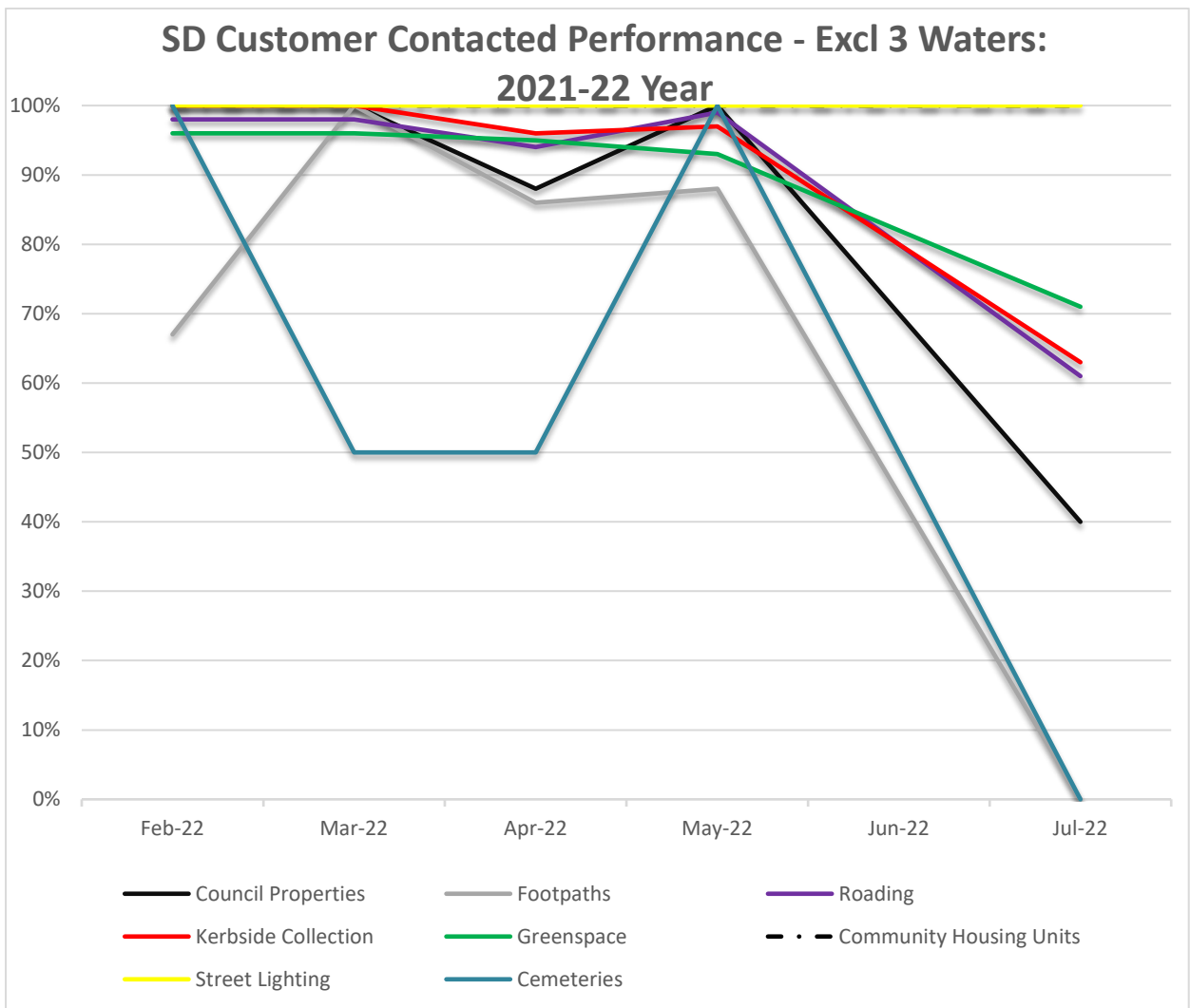
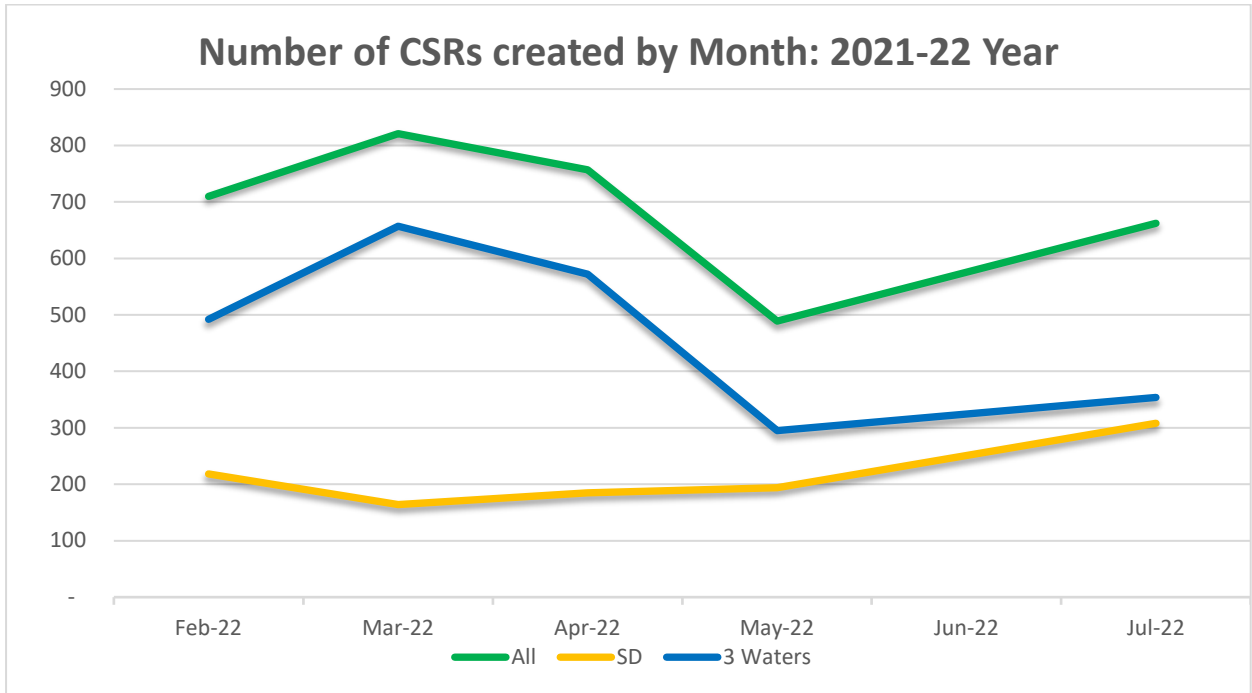
- How soon customers are being contacted in respect of service requests.
- How contractors or staff are performing against contracted response times.

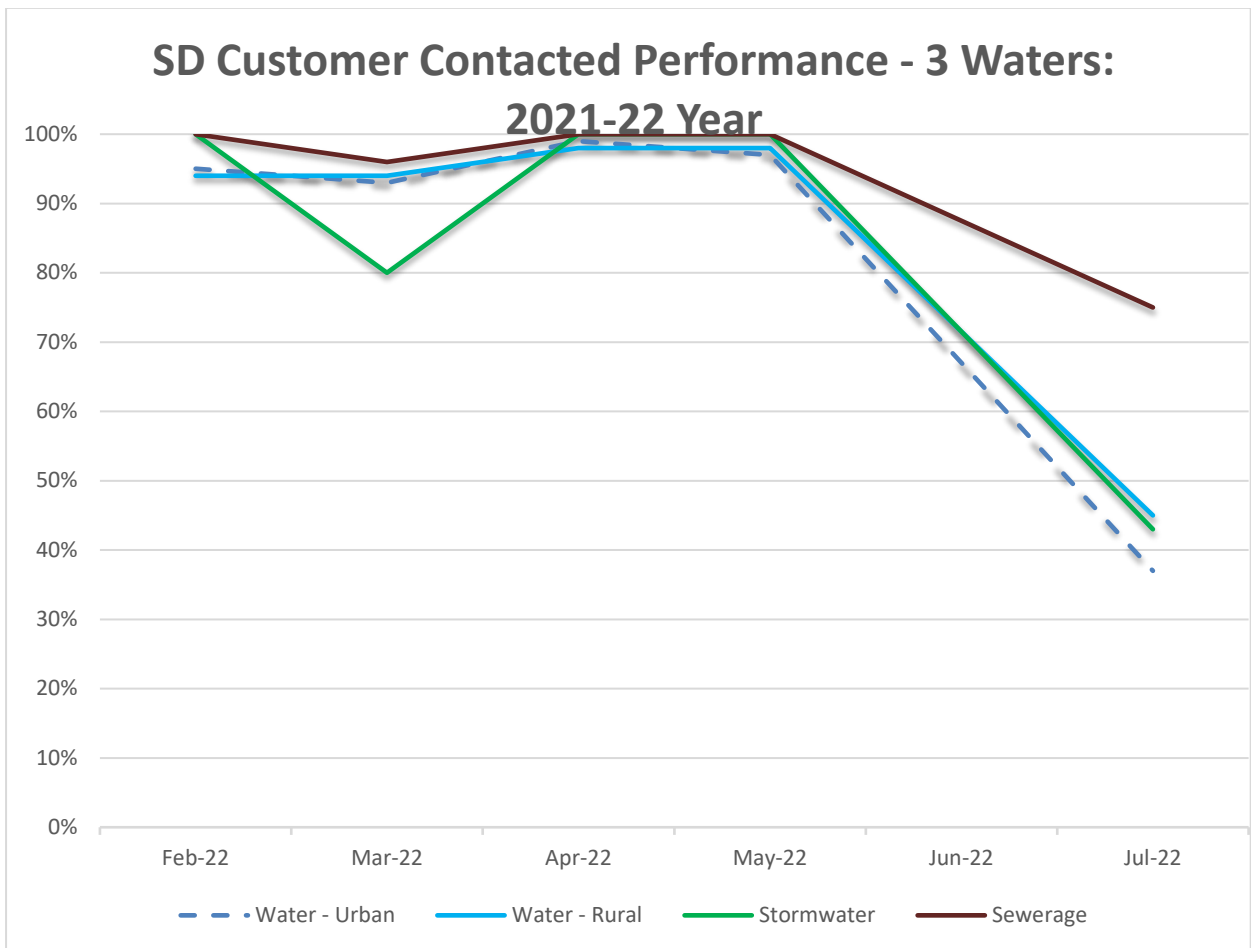
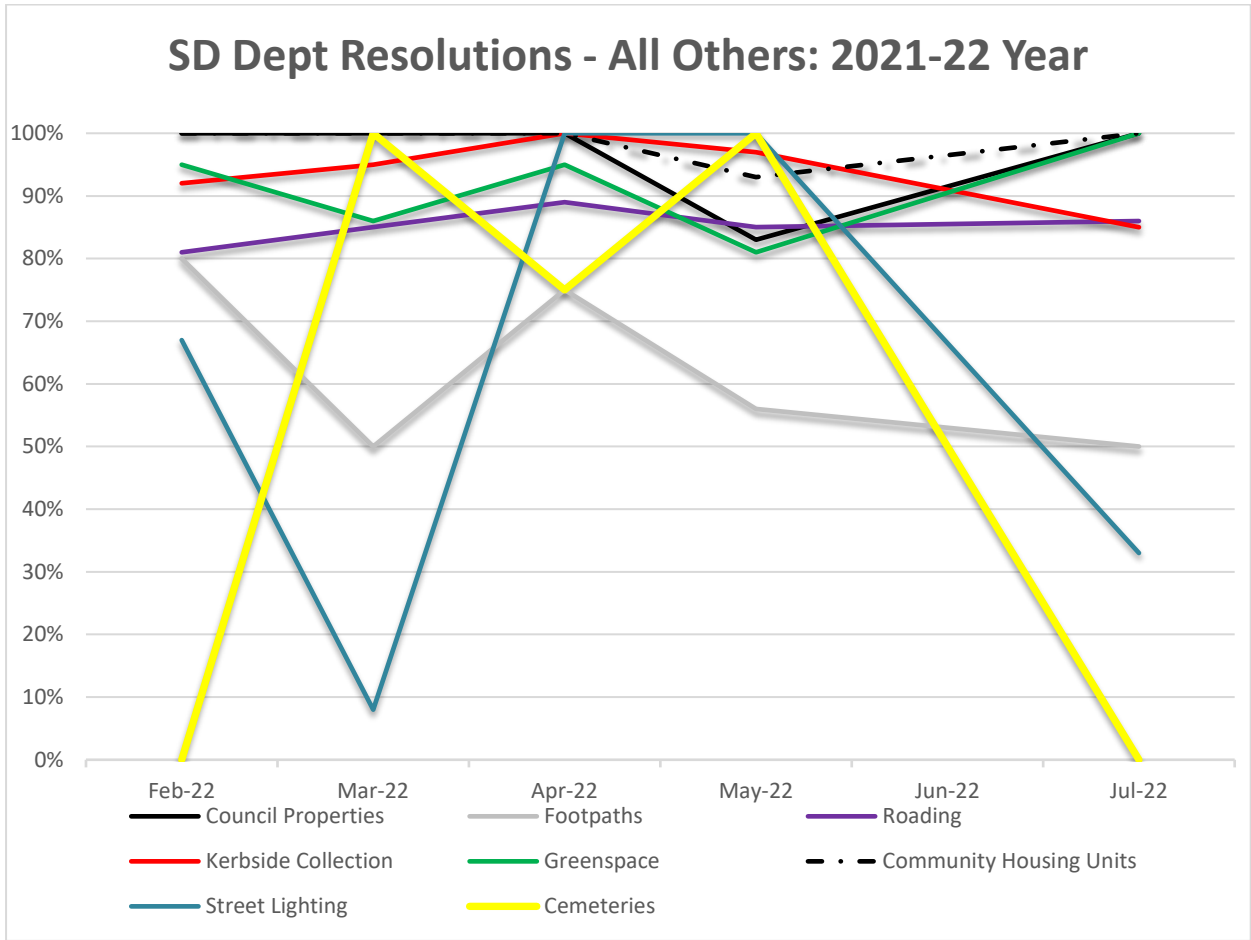
The data looks strange this month as it is the first month of a new year. The June data was the first month of a new CSR system and as such there were teething problems with requests going to the right place.

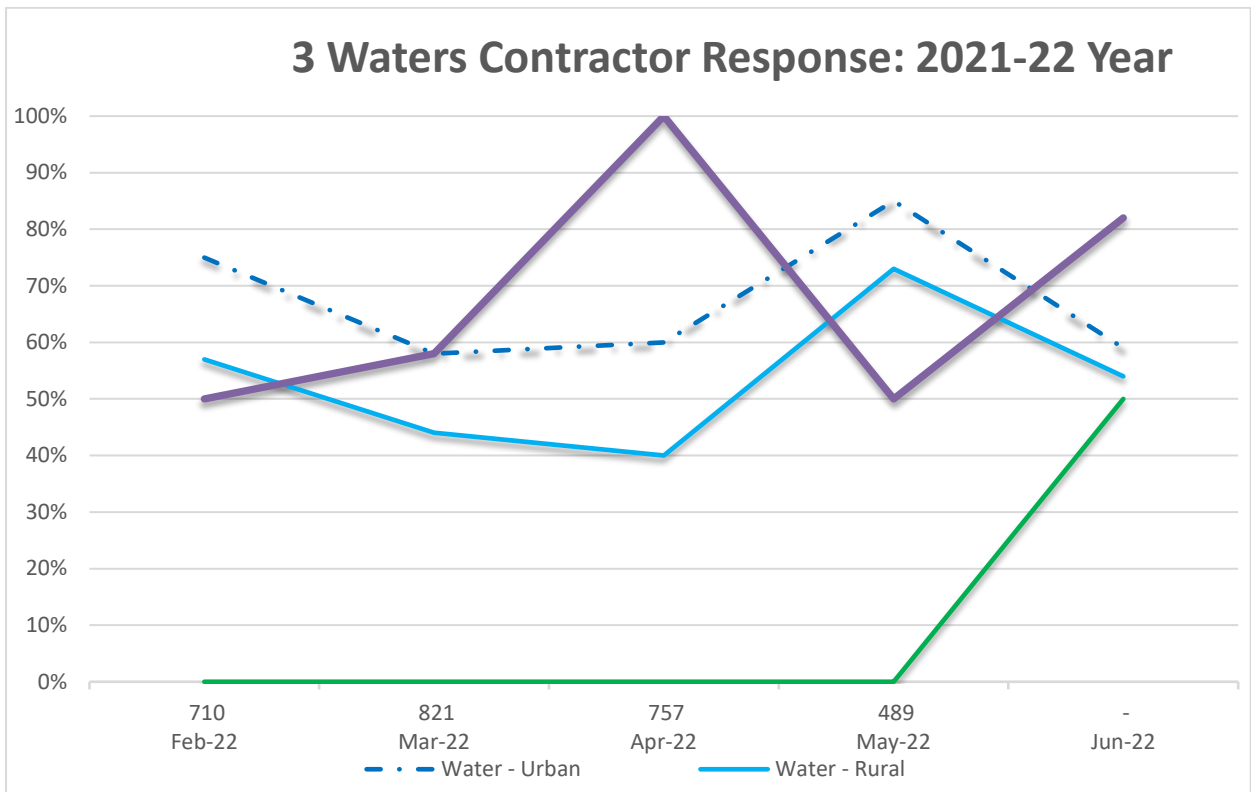
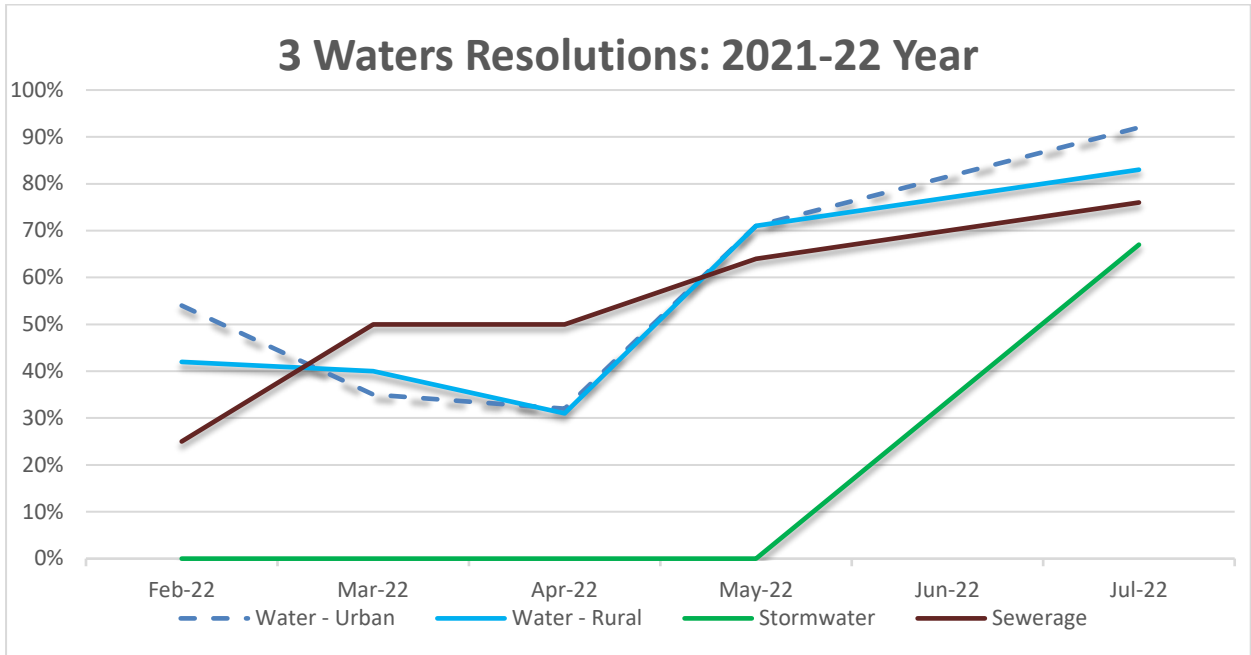
RECOMMENDATIONS

1. That the Service Delivery Committee receives the Organisational Performance Report.









Service Delivery Committee

Item for INFORMATION

Report	Group Manager's Update
Meeting Date	1 September 2022
Item Number	2
Prepared By	Jules Witt – Group Manager Service Delivery
File Reference	747164

REPORT SUMMARY

The report sets out my activities since the last meeting of the Committee.

RECOMMENDATIONS

- That the Service Delivery Committee receives the Group Manager's Update report.**

REPORT

1 Activities Since Last Meeting

Date	Activity
22 July	Operations Assistant Job Interviews
22 July	Service Delivery Department meeting
25 July	CDEM Monthly meeting
29 July	3 Waters NTU Visit
29 July	Reporting Officers meeting
1 August	IMT Meeting Workshop
2 August	Meet with Rationale
3 August	Meet with Milton property owner
8 August	Otago/Std Three Waters sub-regional group meeting
9 August	Hub Carpark discussion
10 August	Asset Management Workshop – Otago & Southland
10 August	Meet with Lawrence Business Owner
11 August	PCG Meeting
11 August	Meet with Kaitangata Pool Committee
17 August	Community Board meetings
18 August	Meeting to discuss Entity D Asset Management
22 August	Service Delivery Managers Meeting

24 August	Long Term Plan Forum
30 August	Meet with Capital Delivery Team
30 August	Milton to Waihola Pipeline Tender discussion
31 August	Chief Executive's Annual Review
1 September	Standing Committees

2 Work in Progress

2.1 Staffing

There are still a number of vacant positions within the department – including two third tier manager positions.

There is a significant workload on the teams and ongoing support of the Water & Waste Operations Team and the Capital Delivery Team while they don't have a manager is continuing and is a group effort within the Service Delivery Department.

Service Delivery Committee

Item for INFORMATION

Report	Operations Update – Transportation & Facilities
Meeting Date	1 September 2022
Item Number	3
Prepared By	Henri van Zyl – Transport & Facilities Operations Manager
File Reference	747169

REPORT SUMMARY

The report details items from the Operations Transportation & Facilities Team that are for information only.

RECOMMENDATIONS

- 1. That the Service Delivery Committee receives the Operations Update - Transportation and Facilities report.**

REPORT

1. Roothing

The new Roothing Maintenance Contract 821 commenced on 1 July 2022 and the implementation of the new system requirements is currently being worked through.

The last few weeks we have seen a lot of rain, and there have been numerous flooding events across our network. Coal Gully Road and Waipori Road are still closed, and the teams are working on getting these open and safe for our road users. The safety of our crews and that of our road users are obviously critically important.



Clearing a fallen tree on Toko Mouth Road – 2.30am

1.1 Warehouse Service Lane Trial

A permanent 'No Entry' sign from George Street and line marking to emphasise the pedestrian footpath area as well as 'one way out only' have been implemented. This should help improve safety in the area alongside the Liquorland Building as well as visibility of pedestrians on the George Street footpath.

2. Greenspace

The start of the new Greenspace Contract 831 is well underway, and the implementation of the new systems required are currently being developed. The seasonal work has been completed and we are getting ready for the growing season to commence.



Balclutha Cemetery - Before



After

The trees approved for removal by Council at Naish Park and Kaitangata have been removed. The wood was left on-site for removal by locals (the Pool Committee used this to raise some funds in Kaitangata) and the slash was chipped for parks use.

The cost of this work sees approximately \$21K left of the original \$35K budget approved by Council. The Greenspace Non-Routine budgets have been trimmed this year to fit within the new contract costs and it would be advisable to retain this funding for covering any unexpected costs. One example where this can be used is to replace a swing in the Christie Street Playground in Balclutha which was recently removed as it was very rusty below ground level. This reserve was identified as retaining play equipment through the Balclutha RMP process so should be replaced with a modern swing.

3. Swimming Pools

Balclutha Centennial Pool

The pool reopened on schedule after our annual maintenance closedown on Monday 15 August.

Cassidy Robertson has been appointed as a permanent full-time lifeguard after previously working for us on a casual basis. Consultation is currently occurring with current lifeguards over extended weekend hours and once this has been completed, we can commence on recruitment for additional weekend staff.

The Balclutha Centennial Pool has been operating for 50 years and we are looking at a variety of activities to help celebrate this later in the year. Dates to be confirmed but is expected to be in November.

4. Community Facilities

We have good tenancy occupation at all our flats. The final work on the roofing replacement work at the Lawrence units has started with the stormwater work being completed.

The Healthy Homes standards are progressing well, with a few outstanding audits to be completed.

Community Housing Units	Extractors Installed - Healthy Homes
Clinton	6
Kaitangata	3
Lawrence	6
Tapanui	10
Naish Court, Balclutha	15
Toshvale Flats Balclutha	13
Waihola	2
Elderlee Street Milton	1
Spenser Street Milton	5
Argyle Street, Balclutha	2
Total	63

5. Road Safety

This week is Rail Safe Week – promoting safety when at railway crossings.

DML Learner Course was deferred until August due to staff with covid – funding for the DML Programme is being sought from Community Road Safety Funding (Waka Kotahi) so we can use Drive Tech to progress our restricted licence clients.

Clued Up Kids' attendees were pleased to receive their road safety packs.

Motorcycle Awareness Month is coming up in September, we had a Southern Wide Meeting last week with ACC and regional Road Safety coordinators to go over our campaign to get motorcycle safety awareness in the spotlight.



Coming Up: RYDA September 23rd, MAM in September, work on the Ripple effect project, Right Track new Course Starting in September in Dunedin.

Service Delivery Committee

Item for INFORMATION

Report	Operations Update – Water & Waste
Meeting Date	1 September 2022
Item Number	4
Prepared By	Jules Witt – Group Manager Service Delivery
File Reference	747170

REPORT SUMMARY

The report provides updates from the Operations Water & Waste Team that are for information only.

RECOMMENDATIONS

- 1 That the Service Delivery Committee receives the Operations Update – Water & Waste report.**

REPORT

1. General

1.1 H&S Improvement works

O&M Contractor has raised about 161 uncontrollable hazards around Three Waters sites. Below is the current status of addressing these issues:

Resolved <i>(Closed and agreed with Contractor. This includes the temporary resolutions)</i>	69
Complete and Handover <i>(Work completed or solution has been established and in the process of handing over to Contractor)</i>	45
Construction and Delivery <i>(Work in progress)</i>	20
Procurement <i>(Equipment is being ordered)</i>	13
Design <i>(Contractor has been engaged and site visited and undertaken all the measurements and design work in progress)</i>	6
Assessed <i>(Investigated, scoped and in the process of engaging the contractor to undertake design and delivery)</i>	5
Further Assessment Required <i>(Remote sites and requires assessment, currently low risk)</i>	3

Progress – H&S Improvement works:

Below is the trend showing the H&S improvement progress work since October 2021. Approx. 71% of the improvement works are completed.

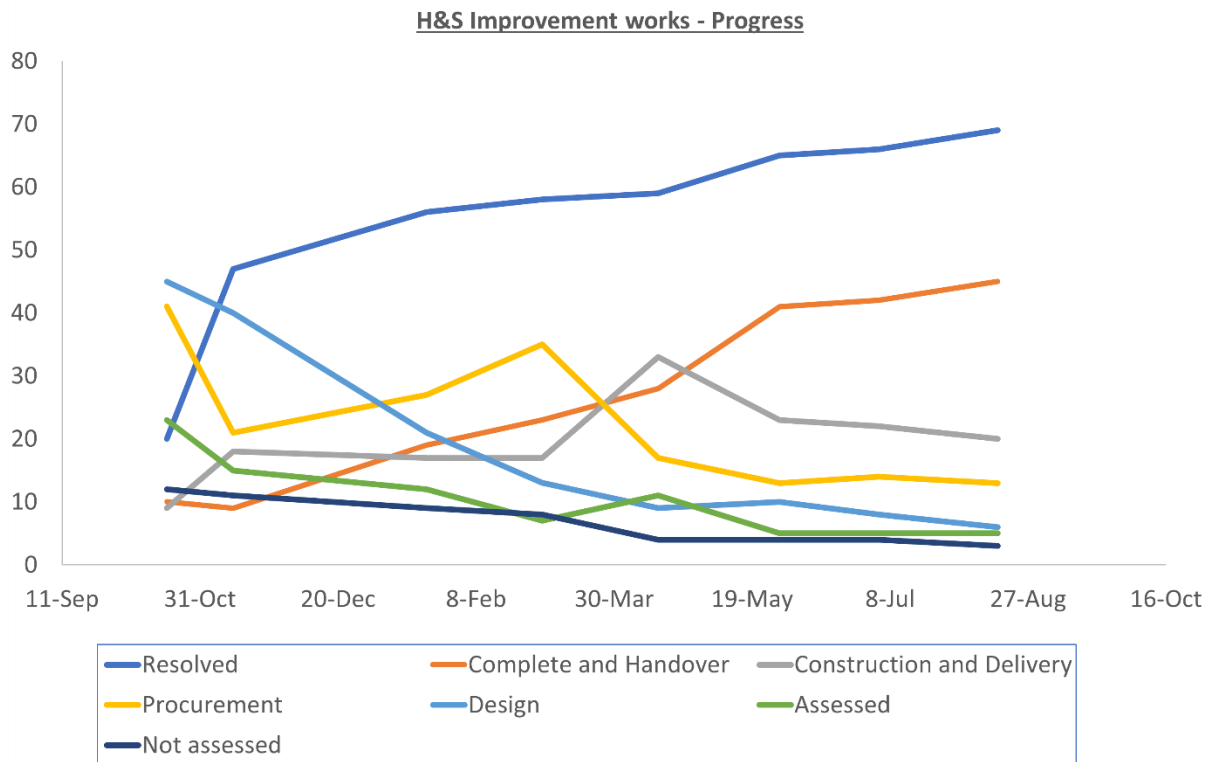


Figure 1: Puerua Water Intake - Safety Access Covers

2. Water Supply

2.1 Boil Water Notices

- Tuapeka West – Disc Filter is back into Operations. We will remove the Boil water notice when we have 3 consecutive negative E-coli tests and sufficient time has passed to ensure enough water has refilled customer tanks.
 - Clear tests have been achieved and a decision to lift the BWN is expected to be confirmed before the meeting date.
- Glenkenich Water Scheme is still under Boil Water Notice.
 - We will access the river water quality and flow this week to determine if BWN can be removed. A decision is expected around the time of the meeting date.

2.2 Water Supply operational improvement works

- Lawrence, Stirling and Kaitangata sand filter media and nozzles are to be replaced in July/August 2022.
- Waiholā Reservoir Cleaning work is planned for the 29th August 22, this is likely to require a full shutdown of Waiholā township, but it is expected that only the Council Housing Units and Camping ground and toilets will be affected as they do not currently have on-site tanks. The Council flats are in the process of procuring tanks for their water storage. The Milton Reservoir will be cleaned following the Waiholā reservoir.
- ◆ **Fluoride System**
 - Work progressing at Balclutha, Kaitangata, Milton and Tapanui for the Fluoride System. Expected to be commissioned in middle of September 2022.
 - Training for the storage, handing and general knowledge has been conducted to Council and Citycare Staff.
 - Operations and Maintenance Training for the actual unit will be conducted by Filtec and Prominent Australia in middle of September during commissioning.

3. Wastewater and Stormwater

3.1 Trade Waste

- Received 343 trade waste applications so far
- 54 trade category 3 or 4 waste applications are outstanding.
- Trade Waste Consents will be sent out this week.
- Water meter installation is beginning in Milton this week.

3.2 I&I Inspection Programme

- Heriot & Stirling inspections are now completed & letters have been sent.
- Approx. 33.8% of the properties have contacted the council and confirmed that they have completed remedial works.

	Inspection Status	Total # of properties inspected	Downpipes directly connected to Sewer	Gully Dishes non compliance	Unknown required further investigation	Letters sent	Notification of completion of remedial works
Owaka	Completed	188	25	66	29	66	31
Tapanui	Completed	401	48	164	94	178	100
Milton	Completed	986	67	311	169	344	158
Lawrence	Completed	306	36	62	62	83	50
Kaitangata	Completed	358	67	61	100	105	47
Kaka Point	Completed	255	28	35	35	60	33
Waihola	Completed	196	7	46	13	51	33
Clinton	Completed	153	28	39	21	51	6
Stirling	Completed	133	18	28	45	39	2
Heriot	Completed	52	12	21	8	26	0
Balclutha	Completed	1900	160	413	241	512	55
Total (so far)		4928	495	1240	812	1515	515

* Gully dishes in non-compliance condition – they are too low and should be at least 100mm above the unpaved surface and 25mm above ground for concrete surface.

3.3 Wastewater Improvements works

- Owaka Biofiltro media replacement is expected to be completed by end of this month.
- Work is progressing to blank off overflow pipes to receiving environment for six identified Pump stations
- Intensive Chemical cleaning for Kaitangata WWTP Membrane Module is currently underway. This is due to more than regular CIP clean been undertaken at The WWTP.



Inlet screen at Kaka point

4. Staffing

We are pleased to confirm that Daniel Sutherland has started in the Water & Waste Operations Team as an Operations Assistant. Daniel will be working towards a diploma in Civil Engineering at the Otago Polytech while he gains valuable practical experience working for Council.

Service Delivery Committee

Item for INFORMATION

Report	Infrastructure Strategy Update
Meeting Date	1 September 2022
Item Number	5
Prepared By	Thyagu Gopalan – Infrastructure Strategy Manager
File Reference	747171

REPORT SUMMARY

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

RECOMMENDATIONS

- 1. That the Service Delivery Committee receives the Infrastructure Strategy Update report.**

REPORT

1 Activity Management Plan

Work programme for activity management plans for LTP2024/34 is being prepared. However, DIA Asset management working group indicated that Three waters activity plan is not required to be written by our staff and it will be developed by Entity D National Transition unit, but we are to provide all the details required including existing and proposed capital delivery and renewal programme. This will require engagement with Councillors and the community.

2 Community Services

2.1 Reserve Management Plans

The Draft Kaitangata-Matau Reserve Management Plan, feedback and amendment report was received and approved with slight amendment by the Service Delivery Committee on 20 July. The amended Kaitangata-Matau Reserve Management Plan will go to Council on 15 September for final approval.

Notification advising the intention to create a Draft Plan for the West Otago ward has been advertised, the invitation for comments runs until 23 September, any comments received, and feedback received during the Our Place West Otago Community Plan and any approved projects, will be considered in the creation of the Draft Reserve Management Plan.

3 Three Waters

3.1 Clydevale and Greenfield Bore Field Development

3.1.1 Physical Works

Civil works for the Clydevale bore site have been carried out over the past month in preparation for connecting the newly drilled Clydevale Standby bore to the water treatment plant. Pressure testing of the new pipeline will be carried out this week. Headworks for the Clydevale standby bore are due to begin this month.

Headworks for the newly drilled Greenfield pilot production bore are likely to commence September – October with the Clydevale Standby bore given priority.

3.1.2 Greenfield Bore Placement and Potential Land Purchase

A meeting was held on 13 August with Argyle Group to discuss the potential purchase of land. The purchase of land is necessary to future proof the Borefield and to create source protection zones. The meeting with Argyle Group was productive and resulted in the engagement of a local rural real estate agent to prepare a valuation of the land council intends to purchase. This will then be further discussed with Argyle Group.

When the land purchase has been finalised, council will progress with Beca to determine the most suitable locations for the remaining three bores to be drilled, two further production bores and one standby bore. Placement of these bores will be ultimately decided by the outcome of discussions with the affected landowners.

3.2 Greenfield Rural Water Scheme

All geotechnical investigations for the Greenfield Rural Water Scheme have now concluded. This involved test pits and the drilling of Geotechnical investigation bores.

Tender Documents have been uploaded to GETS, tender closes 9 September 2022 at 4.00pm. All tenders will remain valid for a period of eight weeks after the tender closes. The geotechnical investigations for the Greenfield pipeline have now been completed on seven sites along the route.

3.3 Bulk Water Filling Stations

Civil works at the Crown Street site have commenced although bad weather has hampered progress. Pavement is expected to be laid this month with the connection of the Moneca Smart Hydrant to follow. Lighting design for the site is being finalised.

3.4 Milton to Waihola Pipeline

Geotechnical investigations for the Milton – Waihola pipeline are expected to commence in late August – early September and will involve test pits and the drilling of Geotechnical investigation bores.

The tender document has been uploaded to GETS, tender closes on 29 August 2022 at 4.00pm. All tenders will remain valid for a period of eight weeks after the tender closes. There are a few outstanding confirmations yet to be received and progress is being made.

3.5 Water Safety Plans

Taumata Arowai became a crown entity on 1 March 2021 and has become the dedicated water services regulator when the Water Services Bill was enacted. The District Health Boards have now handed over all regulatory functions associated with drinking water, including water safety plans.

All fourteen Water Safety Plans are currently being reviewed and developed to meet the required standard by November 15, 2022. Contact has been made with Taumata Arowai to clarify these requirements for Water Safety plans.

Council will continue to develop these Water Safety plans and will meet with Taumata Arowai to get direction on future requirements as and when required.

3.6 Biofiltro WWTP Short term and Long Term Improvement options

Beca has been commissioned to review short-term improvement options for five bio-filtro treatment plants and to identify some potential long-term treatment solutions. These plants have had ongoing consent compliance issues, and we are working to fulfil compliance requirements with compliance plans that have been agreed with Otago Regional Council (ORC). We have made actions to close out various items in the Compliance Plans and have intensified the operational input and maintenance on the bio-filtro units. This has led to an improvement in treated wastewater quality across all sites (Kaka Point, Owaka, Stirling, Tapanui, and Lawrence).

However, the bio-filtro units are difficult and costly to maintain to the appropriate level and cause on-going operational issues which are impacting the treated wastewater quality. We have asked Beca to review in alternatives to the bio-filtro that may reduce operational costs in short term and long-term options for achieving full compliance. Short term options have been looked into replacing the bio-filtro with a trickling filter.

Recommended short term improvements are tabulated in the below table. Beca also noted in the report that there is an inherent risk associated with pond-based biological treatment process in colder climates in Clutha. Biological activity, and hence treatment, reduces in cooler temperatures. Therefore, the recommendations set out in in the table below may not be sufficient to meet all compliance standards. However, they do offer improvements for specific contaminants at certain sites.

Beca do not recommend construction of a new tricking filter in the place of the bio-filtro despite operation expense savings due to high capital costs and limited improvements in discharge quality. The main advantages of a tricking filter are operational rather than in treatment performance.

Beca also have recommended to replacement of bed material annually. This is different to advice from manufacturer who recommended only 300mm top layer.

Short Term Improvements

Site	Recommended Short Term Options	Current Status
Tapanui	<p>Installation of stub baffles to reduce short-circuiting and consideration of Biofiltro inlet and outlet locations to address short circuiting.</p> <p>pH adjustment by adding shells to bed or by improving current dosing.</p>	<p>Biofiltro PS relocation project is currently underway. Baffles installation to be planned.</p> <p>Completed.</p>
Lawrence	<p>Influent sampling is recommended to better understand loading on the pond. Historical loading indicated the pond was extremely overloaded, and upstream treatment is required to reduce load on the pond, such as an aeration basin. However, this may not provide sufficient improvement in loading on the existing pond. Additional aeration or a second pond in parallel may be required to handle the high loads.</p> <p>Some improvements in denitrification may be achieved by addressing short-circuiting of the Bio-filtro supply and return flows. However, there could be other reasons why the TN is higher at this site that are not understood. Further review of options can be completed once influent loads are better understood. Once the cause of high loads is identified CDC can confirm any load management measures and make a firm decision on pond upgrade.</p>	<p>Influent sampling is being organised to better understand the loading of the pond. This should have been reduced as we have already disconnected the truck wash service.</p> <p>Biofiltro PS Relocation job is already underway to address the short circuiting. Further work will be completed upon understanding of influent loading.</p>
Owaka	<p>Replace the whole bed material, including the base filter-cloth layer, and install a clarifier. This will reduce solids carry-over, which is considered to be a factor in BOD, TSS and E.coli exceedances.</p>	<p>Expected to be completed by third week of August</p>
Kaka Point	<p>Influent sampling indicates seasonal peaks in loading on the pond. Loading rates are within appropriate limits. Some improvements in denitrification may be achieved by addressing short-circuiting of the Bio-filtro supply and return flows. Further assessment of flow paths is recommended to determine any short-circuiting which may be reducing treatment performance.</p>	<p>Biofiltro PS Relocation job is already underway to address the short circuiting.</p>

Site	Recommended Short Term Options	Current Status
Stirling	Some improvements in denitrification may be achieved by addressing short-circuiting of the Bio-filtro supply and return flows. However, there could be other reasons why the TN is higher at this site that are not understood. Historical influent data indicates some periods of high load to the pond. Installation of additional aerators may help buffer peak loads. Further review of options can be completed once influent loads are better understood.	Biofiltro PS Relocation job is already underway to address the short circuiting. Influent sample is being organised to understand the loading.

Long Term Improvements

Beca have identified a range of discharge to water and discharge to land options. In the long-term, discharge to water options may not be consentable because of viable land-based alternatives and regulatory and cultural drivers to avoid discharges to water. The recommendation is to develop the concept of land irrigation for Kaka Point, Owaka, Tapanui and Lawrence. The timing of implementation of long-term alternatives at each site will be influenced by any current and on-going non-compliance, the affordability and net benefits of alternatives, and Council investment planning decisions.

Beca recommended that conveyance of wastewater from Stirling to Balclutha WWTP is implemented as soon as possible, in accordance with the current LTP.

Summary of long-term options are tabulated on the next page.

Discharge Option	Plant	Economic	Future Consentability	Timeframe for Implementation
Plant Upgrades and Continued Discharge to Surface Water	Owaka	High CAPEX and OPEX	Unlikely	N/A – Not recommended
	Stirling	High CAPEX and OPEX	Unlikely	N/A – Not recommended
	Tapanui	High CAPEX and OPEX	Unlikely	N/A – Not recommended
	Lawrence	High CAPEX and OPEX	Unlikely	N/A – Not recommended
Plant Upgrades and Continued Discharge to Ocean Outfall	Kaka Point	Moderate CAPEX and OPEX	Unlikely	N/A – Not recommended
Conveyance to Balclutha WWTP	Stirling	Moderate CAPEX and OPEX	Included in current Balclutha WWTP Consent	Short-term (in current LTP)
	Kaka Point	High CAPEX and OPEX	Unlikely	N/A – Not Recommended
Land Irrigation	Kaka Point	High CAPEX and OPEX	Likely	Long-term – land procurement and consultation
	Owaka	High CAPEX and OPEX	Likely	Long-term – land procurement and consultation
	Tapanui	High CAPEX and OPEX	Likely	Long-term – land procurement and consultation
	Lawrence	High CAPEX and OPEX	Likely	Long-term – land procurement and consultation

Service Delivery Committee

Item for INFORMATION

Report	Capital Delivery Update
Meeting Date	1 September 2022
Item Number	6
Prepared By	Jules Witt – Group Manager Service Delivery
File Reference	747172

REPORT SUMMARY

The report details items that have been complied by the Capital Delivery Team that are for information only.

RECOMMENDATIONS

- 1 That the Service Delivery Committee receives the Capital Delivery Update report.**

REPORT

1 Roding

1.1 Contract 836 - Chatham and Sheerness Street Slip

Confirmation of the Low Cost – Low Risk programme including this work has been sought from Waka Kotahi. Once this is received then this contract will be advertised for construction. The final decision will not be able to be confirmed until the tender prices have been received.

1.3 Contract 805 - Seal Extensions Southern Section 2019/20

Slip repairs on the Nuggets Road can proceed when Resource Consent is approved. Otago Regional Council has requested further information on this consent. DOC have replied with no additional feedback. Liaison with each of the Rūnaka whose takiwā includes the site continues and waiting for reply and feedback. Once a reply from all Rūnaka has been received, ORC can further process the consent.

1.6 Contract 824 – Reseals 21/22

Practical completion of this contract has been issued however, with no bid received for *Contract 858 Reseal and Pre-seal repairs 2022/23*, Council is negotiating the inclusion of a Separable portion into Contract 824 at the tendered rates with a cost escalation clause. It is anticipated if successful this will achieve 60% of proposed works in Contract 858.

1.7 Contract 825 – Box Culverts

Offsite construction of Bridge 396 Walker Road culvert has been completed. Council is waiting on ORC review of challenge to draft consent conditions for Walker Road, Heriot box culvert.

Design of the Karoro Creek Road and Gray Road culverts is underway and is to be reviewed by the Engineer to the Contract.

1.8 Contract 826 – Bridge Renewals 21/22

Concrete Structures have been completed for both Bridges.

Both Bridges need chip seal and minor items before sign-off.

1.9 Contract 827– Bridge Repairs 2021/22

Andrew Haulage 2011 Limited have completed all but one of the contract sites and have yet to complete work on two additional sites added to the Contract. Bridge 476, Ashton Road and Bridge 482, Roberts Road, specialist investigations and reports are being prepared best case whole of life repair options.

2 3 Waters

2.1 Contract 810 – Glenkenich Water Treatment Plant Upgrade

Work is continuing on this project, and we are looking forward to the new plant being operational later this calendar year.



Fig 1.

2.2 Fluoride for Urban Water Supplies

Filtec have installed the equipment in all 4 WTP's. Commissioning will be completed mid-September due to COVID related travel delays. CDC is ensuring CityCare Water personnel have appropriate training to operate the new equipment.

2.3 Contract 819 – Kaitangata Water Supply

Whitestone Construction are well underway with work on this site.

2.4 Contract 834 – Rural Water Supply Pipe Renewal 2021/22

Southern Trenching and Excavation has commenced the Glenkenich pipe replacement with completion expected by the end of August. They will then commence on the Clydevale Schemes pipe replacement.

2.7 Contract 840 – Urban Stormwater and Wastewater

This contract has been let to Andrew Haulage 2011 Ltd and they have progressed stormwater renewal work on Rosebank Terrace, Wilson Road and Frances Street. They are looking to establish in Clinton once these works are complete.

2.5 Contract 842 – Hub Pump Station

Fulton Hogan as a subcontractor for Andrew Haulage 2011 Ltd have completed the sheet piling work in preparation for the installation of the pump chamber.



Fig 2: The Hub Wastewater Pump Station Sheetpiling

2.6 Contract 841 Hospital Creek Floodbank

Clearwater Civil are 85% complete, with some delays due to the heavy rain period of July. The aim is to finish mid-August although hydroseeding will be completed later in the year when the conditions are suitable.

2.7 Balclutha Wastewater Consent Renewal

We are continuing to progress this with the ORC and their consultants.

2.8 Mt Cooee Pump Station

Delays are still occurring in material supply, and this is now expected in October.

3 Taylor Park Cabins

The project has had a major halt due to covid, with the build started again in July.



Fig 3: Taylor Park Cabins

4 Milton and Balclutha Toilets

Both consents have been issued. Concrete panels have been erected at both sites and crews are currently concentrating on the roof structure in Milton.

CDC is to sign the final contract agreement with TIF.



Fig 4: Balclutha Toilet

5 Milton Mainstreet Underground Utilities

Plans and documents will be ready for approval in September. PowerNet provided an updated price and now require an 'investment agreement' entered into by Council to confirm price and secure materials and to reduce lead times.

6 Community Housing Roof Replacement

The tender documents for Toshvale are being advertised on GETS. A building consent is in process.

The reroof of the Lawrence units by Chapman Construction Company Otago Limited is largely completed. All the roofing related elements are completed. Building consent to connect to the existing stormwater sump is approved. Plumbing work is commencing this week.



Fig 5: Lawrence Community Housing's new corrugated iron roofing.

7 Dog Pound Additional Storage

Storage Shed at the Dog Pound is 80% complete, with aim to finish early September. Minor work on electrical wiring, stormwater drainage, roading and fencing are ongoing.



Fig 6: Storage Shed at the Dog Pound

8 Lawrence Hospital Creek Improvement

Timber bridge has been completed by Chapman Construction Company Otago Limited. This is now waiting on Code of Compliance Certificate to be issued.



Fig 7: Lawrence Hospital Creek Timber Bridge

9 Capital Delivery

There continues to be delays to the delivery of materials. Consultants and Contractors are at capacity limits with no spare capacity. Overall estimates and costs for projects are expected to continue to increase.

An additional staff member due to start in October now that immigration issues look to have been resolved. Council is now an approved employer which makes it easier for employing staff from overseas. Barbara Fallis is now away in the USA and is expected back in mid-October 2022.

Service Delivery Committee

Item for INFORMATION

Report	Compliance Update Report
Meeting Date	1 September 2022
Item Number	7
Prepared By	Jules Witt – Group Manager Service Delivery
File Reference	747175

REPORT SUMMARY

This report provides an update on all compliance-related issues across the Service Delivery Department. It includes information that was previously provided in both the Operations and Infrastructure Strategy reports as well as additional specific information on compliance activities.

RECOMMENDATIONS

- 1 That the Service Delivery Committee receives the Compliance Update report.**

REPORT

1 Water Treatment Plant Compliance Focus

Tuapeka West remains on a Boil Water Notice to ensure continuity of supply to the scheme. The disc filter has been repaired and the raw water quality has improved. Three days of corrective samples will be initiated to lift the BWN.

Glenkenich remains on a Boil Water Notice to ensure continuity of supply to the scheme. The raw water quality has improved. Three days of corrective samples will not be initiated at this stage.

Waiholā township was placed on a precautionary Boil Water Notice following the two mains' breaks. Following three consecutive days of clear samples the Boil Water Notice was lifted. There were no *E.coli* failures detected while the BWN was in place.

1.1 New Drinking Water Standards Confirmed

New drinking water standards have been consulted on and confirmed by Taumata Arowai. We need to be working toward compliance with these by the end of the year and reporting on our compliance against the standards in January 2023.

We expect that we will be better able to demonstrate compliance against the new standards with our systems in the future – but we will need to purchase additional monitoring equipment and add UV to a couple of plants that don't currently have it. Work is currently underway to assess what is required and we intend to bring a report to Council before the election to request a budget to get this work underway.

2 Wastewater Treatment Plant Compliance Focus (ORC Discharge Consent)

2.1 Wastewater Treatment Plant ORC Compliance Report

Balclutha Oxidation Pond Discharge Breach

Due to the heavy rainfall in the district, the Balclutha oxidation pond level rose quickly during July. To prevent the overflow of partially treated effluent, the volume of fully treated wastewater discharge was increased. The increased volume discharged from the Balclutha site exceeded the consented daily discharge volume. This breach is likely to continue while the pond level remains high.

Owaka BioFiltro Media Replacement

A combination of heavy rainfall in the district and limited treatment capacity at the Owaka WWTP, resulted in the pond becoming overwhelmed, and partially treated effluent was discharged via the emergency overflow. The overflow occurred for 20 days during July 2022. The pond level has receded below the overflow level and the discharge of partially treated effluent has ceased. The BioFiltro renewal work is likely to be completed by mid-August 2022.

Milton WWTP Trickling Filter Arm Failures

Both of the trickling filter arms at the Milton WWTP have failed. We have been advised that both arms require a new motor and gearbox – it is very strange that these have both failed at the same time. We are investigating this further but have asked for new equipment to be ordered and options be explored to reinstate at least some of the irrigation of the trickling filters as these are an important part of the treatment system and we will not be able to comply with our consent conditions in the interim. The ORC has been advised of this breakdown, but it is expected to result in discharge of effluent that is not compliant.

Kaitangata Membrane Module Cleaning

Due to the heavy rainfall in the district, the non-routine cleaning of the Kaitangata membranes was delayed. Despite maintaining the pond level and health, partially treated effluent was discharged via the emergency overflow. The overflow occurred for 11 days during July 2022. The pond level has receded below the overflow level and the discharge of partially treated effluent has ceased. The first stage of the membrane cleaning commenced on Monday the 8th of August. The completion of this non-routine work is expected to take at least four weeks.

Kaka Point BioFiltro Overflow

Due to the heavy rainfall in the district, the Kaka Point oxidation pond level rose quickly during July. Despite maintaining the pond level and health, partially treated effluent was discharged via the emergency overflow. The overflow occurred for 8 days during July 2022. The pond level has receded below the overflow level and the discharge of partially treated effluent has ceased.

Waihola Oxidation Pond Discharge Breach

Due to the heavy rainfall in the district, the Waihola oxidation pond level rose quickly during July. To prevent the overflow of partially treated effluent, the volume of fully treated wastewater discharge was increased. The increased volume discharged from the Waihola site exceeded the consented daily discharge volume. The pond level has receded and the discharge breach has ceased.

Improvement: Compliance achieved / anticipated	No Change (may be a non-compliance if continues)	Consent non-compliance
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Balclutha WWTP	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
<u>Discharge Volume Limit</u> The discharge limit was breached 19 times during July 2022.										
<u>Discharge Parameters:</u> Final Effluent samples were not collected in February 2022. Upstream and downstream samples were collected. Geomean remains non-compliant for ammonia nitrogen.										
<u>Dissolved Oxygen:</u> Last five week of DO samples were above the required 2 g/m ³ .										
<u>HSE access:</u> Concerns for samplers and operators – existing workarounds are in place.										
<u>Compliance upgrade - Progress</u>	12-year consent is being sought and still waiting for approval from ORC.								2022	
	Design work has been completed and procurement work in progress.								2022	
	Alternative type of aerator is being explored.								2022	
	Inlet screen is being procured.								2022	

Clinton WWTP	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
<u>Discharge Volume Limit:</u> The discharge limit was breached 11 times during July 2022.										
<u>Discharge Parameters:</u> Final effluent samples were not compliant for E. Coli, NH3-N, and TSS in July 2022.										
<u>Dissolved Oxygen:</u> 6 out of the past 6 samples were compliant, and the average was above 2 g/m ³ .										
<u>HSE access:</u> Concerns for samplers and operators – existing workarounds are in place.										
<u>Compliance upgrade - Progress</u>	Wetland Replanting.								Spring 2022	
	Installation of UV Treatment System								2023	

Waihola WWTP	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Mar-22	Jun-22	Jul-22
<u>Discharge Volume Limit:</u> The maximum rate of discharge was breached twice during July 2022.										
<u>Discharge Parameters:</u> Sample results were compliant. U/S and D/S samples cannot be collected.										
<u>Dissolved Oxygen:</u> Average is above 2 g/m ³ .										
<u>HSE access:</u> A new sample point has been installed which eliminates the H&S associated with sampling. The fencing project has been completed.										
<u>Compliance upgrade - Progress</u>	Wetland replanting.								Spring 2022	

Milton WWTP	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
<u>Discharge Volume Limit:</u> The discharge limit was breached 19 times during July 2022.										
<u>Discharge Parameters:</u> Final effluent samples were not compliant for E. Coli, and TN in July 2022.										
<u>I/I Plan:</u> Stormwater I&I plan has been prepared and submitted to the ORC. Property inspections are completed.										
<u>HSE concerns:</u> Raised by sampling staff, ORC & operators regarding safe access to sample locations and below ground maintenance pits – upgrades are underway.										
<u>Compliance upgrade - Progress</u>	Operational improvements are identified and being implemented.								2022	
	It has been proposed to bypass the wetland. This has been discussed with ORC and sample results will be presented.								2023	

Kaitangata WWTP	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
<u>Discharge Volume Limit</u> The average discharge limit was not breached during July 2022.										
<u>Pond Overflow</u> The pond overflowed for 11 days during July 2022.										
<u>Discharge Parameters:</u> Sample results were compliant.										
<u>HSE access:</u> Concerns for samplers and operators – existing workarounds are in place.										
<u>Compliance upgrade - Progress</u>	Inlet screens have been installed onsite								Complete	
	Upgrades to the treatment system are being investigated. A proposal has been peer reviewed. Procurement work is now under progress.								2022	

Heriot WWTP	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
<u>Discharge Volume Limit:</u> The discharge limit was not breached during July 2022.										
<u>Pond Overflow</u> The pond did not overflow during July 2022.										
<u>Discharge Parameters:</u> NH3N is not compliant.										
<u>Compliance upgrade - Progress</u>	I&I inspection have been completed and letters sent out.								Complete	

Owaka WWTP	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
<u>Discharge Volume Limit:</u> The discharge limit was breached on multiple occasions during July 2022.										
<u>Pond Overflow:</u> The pond overflowed for 20 days during July 2022.										
<u>Discharge Parameters:</u> E. Coli was not compliant.										
<u>HSE access:</u> Concerns for samplers and operators – existing workarounds are in place.										
<u>Compliance upgrade - Progress</u>	Inlet screens are currently getting installed on site.								2022	
	Waveband requires major repairs; contractors pricing has been received – Awarded								2022	

Stirling WWTP	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
<u>Discharge Volume Limit:</u> The discharge limit was not breached during July 2022.										
<u>Pond Overflow:</u> None so far this year.										
<u>Discharge Parameters:</u> TN was not compliant.										
<u>HSE access:</u> Concerns for samplers and operators – existing workarounds are in place.										
<u>Compliance upgrade - Progress</u>	Inlet screens are ordered, long lead time – installation in progress								2022	
	Waveband requires minor repairs, concept design received, contractors to provide pricing.								2022	

Lawrence WWTP	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
<u>Discharge Volume Limit:</u> The discharge limit was breached 3 times during July 2022.										
<u>Pond Overflow:</u> None so far this year.										
<u>Discharge Parameters:</u> NH3-N is not compliant.										
<u>Compliance upgrade - Progress</u>	Inlet screens are ordered, long lead time.								2022	
	Waveband requires major repairs; contractors pricing has been received - Awarded								Summer 2021/22	

Tapanui WWTP	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
<u>Discharge Volume Limit</u> The discharge limit was not breached during July 2022.										
<u>Pond Overflow</u> None so far this year.										
<u>Discharge Parameters</u> BOD5 and pH are not compliant.										
<u>Compliance upgrade - Progress</u>	Fencing upgrade is now completed								2022	
	Inlet screens are ordered, long lead time – To be installed								2022	
	Waveband requires minor repairs, concept design received, contractors to provide pricing - awarded								2022	

Service Delivery Committee

Item for INFORMATION

Report	2022 Rural Water Schemes Minutes
Meeting Date	1 September 2022
Item Number	8
Prepared By	Julie Gardner – Service Delivery Administrator
File Reference	746440

REPORT SUMMARY

The report informs the Committee on the 2022 Rural Water Schemes Annual Meetings.

RECOMMENDATION

- 1 That the Service Delivery Committee notes the 2022 Rural Water Schemes Annual Minutes.**

Balmoral One Rural Water Scheme Committee

Minutes of the Annual meeting of the Balmoral One Rural Water Scheme Committee of the Clutha District Council held in the Clutha Valley Community Centre on 5 April 2022, commencing at 7.30pm.

Present	Councillor Stewart Cowie (Acting Chairman), Simon McAtamney, Suzie Roy, Geoff Sargent
In Attendance	Thyagu Gopalan, John Sim (CDC), Fiona Lomax, Viv Child, Ian Potts, David & Christine Benny
Apologies	Andrew Gray, Grant Milne <i>Moved S Roy/G Sargent and resolved: "That the apologies be sustained."</i>

1 Confirmation of Minutes

The minutes of the previous annual meeting held on 7 April 2021 were circulated prior to the meeting.

Moved G Sargent/S Cowie and resolved:

"That the minutes of the annual meeting held on 7 April 2021 be confirmed as a true and correct record."

2 Water Reform Update

S.Cowie gave an update on councils position in regards to 3 waters.

CDC has chosen not to be part of council protest group. Believes government will not back down and better to get onboard and start planning for the transition. CDC is unique in having a very large network of rural water schemes. A rural water schemes committee has been formed on behalf of the local committees to voice potential concerns.

3 Financials

Budget for following year was discussed, no depreciation is being claimed with the expectation future ongoing costs will belong with new 3 waters entity.

- The cost of the Cairn Rd reservoir will be much larger than previously budgeted.

- Discussion over water unit rate for coming year. Council recommended a shift from \$331 to \$443 a unit.

Large jump is because of reservoir costs and Greenfield residents now longer using their units. It is expected that when new Greenfield Bore operational unit costs will reach \$500. Suggested to move unit price increase to approximately halfway of council recommendation.

Moved S McAtamney/S Roy and resolved:

“That per unit costs for the 2022/2023 year be set at \$390 per unit”.

Carried.

4 General Business

- Surprise expressed by attendees at how far advanced 3 waters planning is. Genuine concern at how new 3 waters entity will deal with problems and breakages locally.
- John Sim noted that Citycare are having lots of problems and have a lot of inexperienced staff, they are struggling to fix leaks and find flow problems. Frustrating for Council and admission that decision to change provider may not have been the best one.
- Despite the dry summer, the Waitahuna treatment plant has held up well and water supply has been adequate. The delay in installing the new Cairn Rd reservoir however has put supply under pressure at times.
- The Greenfield Bore tests are now complete, the quality is very good as is the quantity of flow. Tenders are to go out in May and will be combined with Milton to Waihola pipe installation.
- There have been issues with water flow to Tuapeka Mouth via Skinner Rd and again Citycare struggling to remedy the situation in a timely fashion. Also some concern over ageing of private scheme connections at Tuapeka Mouth.

The meeting closed at 9.00pm.

Confirmed

**S Cowie
ACTING CHAIRMAN**

Balmoral Two Rural Water Scheme Committee

Minutes of the Annual meeting of the Balmoral Two Rural Water Scheme Committee of the Clutha District Council held in the Hillend Hall on 13 April 2022, commencing at 7.30pm.

Present A Smaill (Chairman), E King (Secretary), S King, K Johnstone, L Graham, P Bloxham, S Brook, S Jack, S Hallum, B Smollett, B Gray, B Bearman and Councillor S Cowie

In Attendance T Gopalan, G Bowie (CDC)

Apologies J Sim (CDC), A Townsend, J Hamilton, S Laughton

Moved S King/S Jack and resolved:

"That the apologies be sustained."

1 Confirmation of Minutes

The minutes of the previous annual meeting held on 8 April 2021 were circulated prior to the meeting.

Moved S King/P Bloxham and resolved:

"That the minutes of the annual meeting held on 8 April 2021 be confirmed as a true and correct record."

There were no matters arising from the minutes.

2 Financials

The draft financial statements were presented, discussed and explained by Greg Bowie from CDC.

Queries were made re Non-Routine Expenses and this was explained.

At present the unit rate for water was \$290 and it was voted that this remains the same.

Moved B Bearman/A Smaill and resolved:

"That per unit costs for the 2022/2023 year be set at \$290 per unit".

Carried.

3 General Business

Councillor S Cowie thanked the Chairman for all his continued work for the water scheme.

It appears as though 3 Waters will basically be going ahead.

Balmoral 2 scheme has been struggling through the drought / dry period but in general the scheme has done better. The reservoir is making a big difference to water supply.

The Waitahuna River has only been at a trickle.

Question was asked if there are any units of water spare re ground now being taken up with forestry, however the Committee were advised that there were none available.

S Copeland is working with council staff member John Sim re water issues as his knowledge is an enormous help.

There was a discussion about Water Management before a resolution was made as follows:

Moved A Smail/S King and resolved:

“That the Committee are supportive of Water Management for their scheme.”

The meeting closed at 9.00pm.

Confirmed

**A Smail
CHAIRMAN**

Clydevale-Pomahaka Rural Water Scheme Committee

Minutes of the Annual meeting of the Clydevale-Pomahaka Rural Water Scheme Committee of the Clutha District Council held in the Clutha Valley Community Centre on 4 April 2022, commencing at 7.30pm.

Present John Whiteside (Chairman), Alex Restieaux, Lee Anderson, Brendon Anderson, Joseph Herbert, Ashley May, Grant Dawson, Dave Balchin, Robin McCall

In Attendance Jules Witt (CDC), Larissa Brown, Barry Cowley

Apologies Fraser Leslie, Garth Shaw, Graham King, Megan Barclay, William Dobbie, Councillor Stewart Cowie

Moved G Dawson/A Restieaux and resolved:

“That the apologies be sustained.”

1 Confirmation of Minutes

The minutes from previous meetings were submitted for confirmation.

Moved J Herbert/A May and resolved:

“That the minutes of the Annual Meeting held on 12 April 2021 be confirmed as a true and correct record.”

Moved L Anderson/R McCall and resolved:

“That the minutes of the meeting held on 4 August 2021 be confirmed as a true and correct record.”

Moved A Restieaux/L Anderson and resolved:

“That the minutes of the meeting held on 22 November 2021 be confirmed as a true and correct record.”

2 Three Waters Reform Update

John Whiteside gave a report on the sub-committee formed after the meeting held in Balclutha. Jules Witt also gave some more information re the working parties looking at rural water schemes.

3 Draft Financial Statements

Jules Witt gave more information about why changes were made as per council recommendations to our budget.

Moved J Whiteside/B Anderson and resolved:

"That the Clydevale/Pomahaka Rural Water Scheme Committee receives the Draft Financial Statements.

"That the unit rate is \$251 for 2022/2023."

4 4th Bore Commissioning Date

Pumps purchased and above ground work to be done. Need price from contractor to finish. Jules Witt mentioned that it will be going in August, ready for next spring.

5 General

Jules spoke about the length of consents from ORC re water takes from the Clutha River.

Citycare – John spoke about issues with Citycare completing work in a timely manner.

The meeting closed at 8.45pm.

Confirmed

John Whiteside

Chairman

Glenkenich Rural Water Scheme Committee

Minutes of the annual meeting of the Glenkenich Rural Water Scheme Committee of the Clutha District Council held in the Waikoikoi Hall on 13 April 2022, commencing at 1.30pm.

Present Richard Peirce (Chairman), Councillor John Herbert, Nathan Barrie, Colin Dew, John Thayer, Lukas von Grunigen, Peter Byars, Eddie Conlan, Jeff Simmers, Bill McCall, Peter McIntyre, Cecil Crawford, Trevor Stark, Lindsay Alderton

In Attendance Barry Munro, Adrian McIntyre, Bruce Cunningham
Ben Gold, John Sim (CDC)

Apologies Levi McCall, Matt MacKenzie, Brian Howden, Hugh Gardyne

Moved Bill McCall/Peter McIntyre and resolved:

“That the apologies be sustained.”

1 Confirmation of Minutes

The minutes from the annual meeting held on 17 March 2020 were presented for confirmation.

Moved Nathan Barrie/Lukas von Grunigen and resolved:

“That the minutes of the annual meeting held on 12 April 2021 be approved as a true and correct record.”

The minutes from the general meeting held on 19 July 2021 were presented for confirmation.

Moved Colin Dew/Trevor Stark and resolved:

“That the minutes of the general meeting held on 19 July 2021 be approved as a true and correct record.”

The minutes from the general meeting held on 10 November 2021 were presented for confirmation.

Moved John Thayer/Nathan Barrie and resolved:

“That the minutes of the general meeting held on 10 November 2021 be approved as a true and correct record.”

Following the resignation of the previous secretary nominations were called for a replacement.

Moved Peter McIntyre/Trevor Stark and resolved:

“That Jeff Simmers be appointed as secretary for the Glenkenich Rural Water Scheme.”

2 Chairman’s Report

The Chairman’s report was presented by Richard Peirce.

Moved Lukas von Grunigen/Peter McIntyre and resolved:

“That the Chairman’s report be received.”

3 Three Waters Reform Update

An update from Mayor Bryan Cadogan had been sent to all Rural Water Scheme Committees and this was elaborated on further by Councillor John Herbert. The committee discussed liability and responsibility of water quality.

4 Operational Update

An update was provided by John Sim who advised that the new pump is going well however the second pump is not performing and hadn’t been for approximately 3 months.

Overall the scheme is running well considering the current dry conditions.

Barry and Ricky were thanked for their hard work.

Council is aware of issues with CCW and is working to increase the levels of service, however there are still communication issues.

Annual tank inspections are due soon – leave card to notify land owner.

20mm lines are starting to become a problem and these will need identified.

5 Draft Financial Statements

These were discussed by the committee with clarification requested on \$218,000.

Moved Lindsay Alderton/Nathan Barrie and resolved:

“That the unit rate for 2022/23 of \$344 be approved subject to clarifying the draft financial statements.”

6 General

- Overdue accounts requested from Louise (CDC). Letter to be sent to consumers not paying water bills mentioning debt collectors. Richard to draft letter.
- Greens Creek consent – arrange a meeting with all parties to understand the proposed operation of the Greens Creek and Pomahaka water takes. Adrian to attend if possible.
- Richard Peirce to follow up on Pukerau Line – he will contact Gerry.
- Council to send a map to scheme with possible problem areas for pipes. GRWS to approve lines to be replaced.
- Additional tank inspection information – physical tank condition.
- Email to Kerrod Baldwin (CCW) regarding request for information for physical tank condition.
- Encourage more consumer storage.

WTP Update:

- Apologies for slow progress, possible cost increase due to materials.
- Request more information from contractor and inform GRWS.
- Survey for additional units
- Process to follow with hydraulic modelling for extra units – explained by John Sim.

The meeting closed at 4.07pm.

Confirmed

R Peirce
Chairman

Chairmans Report 2021-22

At the end of my second year as chairman we can look back and suggest we have made some good progress on sorting some of the problems the GRWS faced in 2019.

Approving the WTP upgrade being the biggest hurdle but also pushing for the tank inspection to be completed (or started) and the Pukerau line renewal tendered and approved at a very favourable cost, got to get some wins!!

My greatest frustration, along with others, is the slowness of the wheels turning outside of the committee's control, contractor, council and individuals within these environments means time keeps slipping away on us.

But progress has been made and even through the recent dry spell my phone has been quiet and water supply has improved immensely. I'd like to thank Hugh Gardyne and Peter McIntyre for their help as well as John Sim and Thyagu Gopalan from Council.

Richard Peirce
Chairman

Moa Flat Rural Water Scheme Committee

Minutes of the annual meeting of the Moa Flat Rural Water Scheme Committee of the Clutha District Council held at the Heriot Church on Thursday 7 April 2022 commencing at 7.30pm.

Present A McHutchon (Chairman), Councillor J Herbert (Secretary), D Millar, B Falconer, J McHutchon, G Walker, R Johnston

In Attendance J Witt (CDC), B Munro.

Apologies P Adam

Moved B Falconer/R Johnston and resolved:

“That the apology be sustained.”

1 CONFIRMATION OF MINUTES

The minutes of the Annual Meeting held on 15 April 2021 were circulated prior to the meeting and were taken as read.

Moved G Walker/B Falconer and resolved:

“That the minutes of the Annual Meeting held on 15 April 2021 be confirmed as a true and correct record.”

2 MATTERS ARISING

- Geese – not sure if cull took place or not, may be an option to use a helicopter.
- Discussion about approved water carriers. J Witt explained that a water carrier has to be approved by Taumata Arowai and CDC. May be a good idea to get Caldwells set up as an approved carrier. J Witt to follow up.
- Consent to take water – as per ORC rules CDC now have to look at what the water is being used for as part of its consent, dairy sheds may be an issue. 25 years is the longest possible consent now.

3 WATERS REFORM UPDATE

J Witt explained the three working groups and Mayor Bryan Cadogan is chairman of the working group looking at rural schemes. So far there has been an assurance that there will be no cross subsidisation but still wondering about geographical pricing. Rural Working Group to report back later in the year.

4 DRAFT FINANCIAL STATEMENTS

Council has decided to only fund depreciation at a rate of 25% and will only pay interest and not principal on loans. Treated Water Reservoir has been purchased but will be installed next year.

Moved G Walker/D Millar and resolved:

“That the unit rate for the 2022/23 year remain the same at \$193.00.”

5 GENERAL

- J Witt explained some of the problems at present with getting materials and contractors.
- A McHutchon then reported that some trees need to be removed from near the new treatment plant; visited Keppoch Road Tank with T Gopalan on Monday 4 April and advised that it does not need replacing.
- J Witt explained that generally CDC relies on its maintenance staff to report issues such as tank replacements.
- McHutchon Road line – the break history of this line needs to be checked to see if it should be replaced.
- J Witt to check Switzers Line – it appears that there is a 70metre bit that was missed as part of the replacement, needs attended to.
- Hukarere – need more water and T Gopalan has modelled it, J Witt will email the results and the committee can then make a decision.
- A McHutchon thanked the CDC for their regular reports that he and the secretary get, they are easy to read and great info, report is to go to the full committee in future.
- ORC have unblocked the residual flow pipe at the intake, and it was letting far too much water go. On Sunday April 3, J Witt and J Herbert went into the intake at Timber Creek and cut the flow to just over the required amount of 3L per second. Needs a permanent fixture though, long term perhaps a valve is the best option then it can be opened and flushed.
- Haughs Road and Winter Road – there have been a number of breaks around C Peters property, J Witt to check the break history and report back.
- The Chairman then thanked B Munro for attending the meetings and keeping us up to date with things on the ground, he also thanked the committee members for their time and J Witt and J Herbert for going into Timber Creek.
- B Munro asked if CDC had any control over what subcontractors were employed by the maintenance contractor. Also asked why restrictors were not replaced when the restrictor/tank inspections were being done. CDC’s understanding is that this is usually treated as two separate jobs.

6 Public Excluded Minutes

The minutes of the public excluded meeting of the Moa Flat Rural Water Scheme held on 15 April 2021 were circulated prior to the meeting.

It was decided that these minutes no longer needed to be Public Excluded as the treatment plant upgrade is almost complete and there is no sensitive information contained in them.

Moved G Walker/B Falconer and resolved:

“That the minutes of the public excluded meeting of the Moa Flat Rural Water Scheme held on 15 April 2021 be confirmed as a true and correct record.”

The meeting closed at 9.07pm.

Confirmed

A McHutchon
Chairman

North Bruce Rural Water Scheme Committee

Minutes of the Annual meeting of the North Bruce Rural Water Scheme Committee of the Clutha District Council held in the Melville Room, Milton Coronation Hall on 12 April 2022 commencing at 7.10pm.

PRESENT: G Finch (Chairman), R Girvan (Secretary), D Vollweiler, C Lister, R Flett, R Clark, N Leslie

IN ATTENDANCE: L Nimmo, D Lawlor, B Lawlor, S Ferguson, J McClean Jules Witt, Ben Gold, Greg Bowie (CDC)

APOLOGIES: G Love, B Vollweiler

Moved R Flett/D Vollweiler and Resolved:

"That the apologies be sustained."

1. MINUTES OF PREVIOUS MEETING

Minutes of previous AGM held on 20 April 2021 were circulated prior to the meeting.

Moved R Flett/D Vollweiler and resolved:

"That the minutes of the previous AGM held on 20 April 2021 be confirmed as a true and correct record."

2. MATTERS ARISING

There were no matters arising.

3. CHAIRMAN'S REPORT

G Finch gave a verbal chairman's report. He said in his report that Citycare may not be meeting requirements to a standard expected. That the dry weather has been a challenge with some people running out of water. He thanked the committee and council for work done over the last year.

4. 3 WATERS REFORM UPDATE

T Gopalan updated the committee on 3 waters reform. There is a lot going on in the background in Wellington and is moving fast, although not legislated yet. Of the 4 entities involved the whole South Island would make up 1 of these entities.

At a council meeting in January, council suggested a hybrid model, with council and central government, the CDC would be unique amongst councils wanting this.

By 2024 they would take over from councils. Staff may transfer to this new entity.

Water rates will eventually be uniform over the whole country and water meters will become standard.

Water quality standards will be raised constantly.

5. TREATMENT PLANT

The upgrades should have been completed before summer; supply issues held up the upgrades. They are now complete, but monitoring is still going on.

Quality of water is high, but now quantity of water going into the scheme is an issue with the treatments that the water has to go through restricting initial supply going into scheme.

6. BREAKDOWNS

Concern over the number of breakdowns in the scheme is high. T Gopalan said the council is aware of the concern over water breakdowns and shortages, and are working hard to get the scheme working properly. More flow meters would help in solving this issue also.

S Ferguson said he was having a bad year for supply to his tanks and was frustrated. Communication has been poor and there is a lack of progress in getting the situation resolved. He has been having issues for many years.

L Nimmo said she has had major shortages and has taken getting water into her own hands.

T Gopalan said Citycare and some of their employees would have to take some of the responsibility for poor performance. Required reports are not being provided into work and repairs being carried out. The performance of Citycare would be reviewed before contracts are renewed or extended. The best thing we can do is train or upskill current Citycare staff, while looking forward to the 3 Waters entity taking over. Operators in the scheme may need to be paid more to be retained or motivated. Council may have to provide Citycare with more resources.

D Vollweiler talked about the poor quality of pipe that has been used in scheme upgrades over the years with multiple and consistent breaks in many areas.

7. DRAFT FINANCIAL STATEMENTS

Greg Bowie explained that we are using our reserves to improve the scheme.

It was recommended by council staff that we increase the unit rate from \$261 to \$278. This is to offset a deficit that would occur. T Gopalan said equipment like water meters would be an expense as well.

G Bowie and T Gopalan said it would be hard to assume or predict what a water rate would be under a 3 waters model. Also, that both Labour or National governments would follow through in implementing it.

T Gopalan said the Milton to Waihola pipeline would be started and completed over the next few months, most landowners affected are signed up.

Moved R Clark/C Lister and resolved:

“That the unit rate be increased by \$17 a unit from \$261 to \$278.”

Moved D Vollweiler/N Leslie and resolved:

“That zone metering recommended by T Gopalan be brought forward in implementation by 12 months.”

8. GENERAL

G Finch, C Lister and R McDonald looked at the water intake and said it was a mess. This area has not been maintained or cleared for many years.

G Finch and T Gopalan talked about issues the scheme has with the ORC, generally around the water intake. The reservoir may need fencing to keep animals and people out. G Finch thought a good deer fence may be the best option for this.

Some weed growing in the pond has been tested as harmless.

G Finch mentioned restrictors. Many have been replaced. Some scheme improvements have been seen with good operating restrictors.

R Clark asked about where the new Tokoitī subdivision would be getting water from. T Gopalan said the demand for water was ever increasing in the area with rising populations and more industry. The possibility would be high that in the near future a pipeline, coming from Stirling, would bring water from the Clutha River to our area, with the Toko River being unable to meet demand.

Moved G Finch/C Lister and resolved:

“That L Nimmo be co-opted onto the North Bruce Rural Water Scheme Committee”.

9. PUBLIC EXCLUDED MINUTES

Moved N Leslie/C Lister and resolved:

“That the minutes of the Public Excluded Meeting of 20 April 2021 be confirmed as a true and correct record.”

The meeting closed at 8.56 pm.

Confirmed

**G Finch
Chairman**

UNCONFIRMED

Richardson Rural Water Scheme

Minutes of the Annual Meeting of Richardson Rural Water Scheme held in the Council Chambers, 1 Rosebank Terrace on 12 April 2022, commencing at 1.30pm.

Present Stephen Gold (Chair), Margaret Vickers, Tony Chittock, Craig Shepherd, Guy Brookhuizen, Ross Chalmers, Simon Grant, Sandra Watt, Councillor Stewart Cowie

In Attendance Steve Hill, Gerry Essenberg, Thyagu Gopalan, John Sim, Greg Bowie (CDC)

Apologies Stephen Bamford

Moved S Cowie/C Shepherd and resolved:

"That the apology be sustained."

1 Minutes from previous meeting

The minutes from the previous meeting held on 15 April 2021 had been circulated prior to the meeting.

Moved S Cowie/C Shepherd and resolved:

"That the minutes of the annual meeting held on 15 April 2021 be confirmed."

2 Matters Arising

- Jacks Hill Road Line, tanks were overflowing, CCW has subsequently turned them off, flows have improved on this line since end January when the PRV was installed
- CCW personnel searched for leaks for three days, said details of pipes were uncertain, John Sim may be able to determine the issue?
- Port Molyneux Cemetery Road line still an issue.
- Romahapa Booster not running due to low pressure when main reservoir drops to 36%, may be improved when new reservoir is replaced at a higher level, and is able to provide more head. To be confirmed.

3 3 Waters Reform

Steve Hill spoke to this, and discussion occurred. Will await developments.

4 Financial Report

Moved S Gold/C Sheppard and resolved:

“That the cost per unit rate be decreased to \$247+GST for the 2022/23 year.”

5 General

Outstanding Issues and Comments

- Backwash to be worked on after 1 June.
- Puerua Plant is looking scruffy, committee unimpressed after viewing this morning.
- List of pipes for renewal to go into next Activity Management Plan.
- To be built next year – Richardson Oakleigh Road Reservoir assessment and renewals and Richardson Moffat Road Reservoir renewals.

Moved S Gold/T Chittock and resolved:

“That Council investigates options for the supply of the South Richardson Scheme in the 2022/23 Annual Plan at an estimated cost of \$30,000. The options to include replacing or upgrading the Puerua Plant, a new plant on the Clutha and using the Whitelea Road Intake.”

The meeting closed 3.30pm.

Confirmed

S Gold
Chairman

South Bruce Rural Water Scheme Committee

Minutes of the annual meeting of the South Bruce Rural Water Scheme Committee of the Clutha District Council held in the Council Chambers, 1 Rosebank Terrace on 6 April 2022, commencing at 7.30pm.

Present	Stewart Morrison (Chairman), Stuart Murray (Secretary), Dean Storer and Stephen Korteweg.
In Attendance	Gerry Essenberg, John Sim, Greg Bowie, Trey Willis-Croft (CDC).
Apologies	None.

1 Confirmation of Minutes

The minutes from the annual meeting held on 19 April 2021 were presented for confirmation.

Moved S Korteweg/S Murray and resolved:

“That the minutes of the annual meeting held on 19 April 2021 be approved as a true and correct record.”

2 Three Waters Reform

Gerry spoke to this and discussion occurred, will await developments.

3 Capital Projects Update

Water Meters are to be installed by end of June.

New South Bruce Reservoir nearing completion, query on outlet control – this will be an actuated valve linked to the outlet flowmeter able to be programmed to shut under excess flow.

Note that the Committee was disappointed they were not informed that George Rutter had been replaced by Barbara Fallis – apology from G Essenberg.

4 Draft Financial Statements

Query on Chemical Cost – to be journalled to treatment plant.

Query on Routine Sampling – to be journalled to treatment plant.

Noted that there will be reduced depreciation and that rate would reduce from \$177 to \$147.

Moved S Murray/D Storer and resolved:

“That the financials are accepted subject to confirmation of Chemical and Routine Sampling costs.

That the unit rate for 2022/23 be decreased to \$147.00+GST.”

5 General

Water Cost Reimbursement to S Murray

It has been identified that S Murray by virtue of having the reservoir on his property suffers significant interference. The SBWSC would like to compensate S Murray to the level of the first 10 units of water per annum and is also willing to consider alternative methods of compensation.

Moved S Korteweg/D Storer and resolved:

“That the South Bruce Rural Water Scheme compensate S Murray to the value of 10 units of water per annum.”

Outstanding Issues and Comments

The 50mm pipeline towards Johnson Road that was recently installed appears to have not been required given the tank replacement, better coordination required between Strategy and Capital teams.

Replacement of the rising main should be included in the Annual Plan for consideration.

A boundary adjustment is required for the new reservoir as well as the removal of the existing tanks.

The meeting closed at 8.45pm.

Confirmed

**A S Morrison
Chairman**

Tuapeka Rural Water Scheme Committee

Minutes of the Annual meeting of the Tuapeka Rural Water Scheme Committee of the Clutha District Council held in the Lawrence Service Centre on 11 April 2022, commencing at 7.30pm.

Present R Cotton (Chairman), K Harrex, G Blackmore, G Davidson, G Hunter and H Dalziel

In Attendance J Witt, T Gopalan, J Sim (CDC)

Apologies R Dickie, G McCorkindale

Moved G Blackmore/G Davidson and resolved:

"That the apologies be sustained."

1 Minutes of the Previous Meeting

The minutes of the previous meeting held on 14 April 2021 were read and confirmed.

Moved G Davidson/G Blackmore and resolved:

"That the minutes of the meeting held on 14 April 2021 be confirmed as a true and correct record."

2 Matters Arising

Mr J Witt gave an update on the new bore and water supply systems. The bore has a very good supply of water. Tenders to go out shortly for the build.

3 Three Waters Reform Update

Mr J Witt gave an update on the Three Waters Reform. There are still a lot of unknowns.

4 Financials

Mr J Witt presented the budgets for Tuapeka East, Tuapeka West and Waitahuna recommending a water rate for the coming year of \$352+GST per unit which is a decrease of \$20 per unit on this present year.

Moved G Davidson/H Dalziel and resolved:

“That the water rate for 2022/23 be \$352 per unit.”

Moved G Davidson/G Blackmore and resolved:

“That Mr P Henry be allowed to leave the scheme providing his 2 units are taken up by someone else; and that the Corona/Rose application for 2 units of water be approved.”

5 General

Mr J Sim gave an update on CCW's performance on maintaining the scheme. He is very unhappy with their level of core service. Council looking at redress of contract.

The meeting closed at 9.30pm.

Confirmed

R Cotton
Chairman

Waipahi Rural Water Scheme

Minutes of the Annual meeting of the Waipahi Rural Water Scheme held in the Waipahi Hall on 12 April 2022, commencing at 1.30pm.

Present Raymond Brock (Chairman), Jill & Peter O'Connor, Warren Erickson, Nathan Barrie, James Gardyne and James Watt

In Attendance Jules Witt (CDC)

Apologies There were no apologies.

1 Confirmation of Minutes

The minutes from the annual meeting held on 21 April 2021 had been circulated prior to the meeting.

Moved N Barrie/J O'Connor and resolved:

"That the minutes of the annual meeting held on 21 April 2021 be confirmed as a true and correct record."

2 Three Waters Update

Jules Witt provided an update on Three Waters.

Government intent on going ahead with implementing this radical national water reform. Bryan Cadogan, CDC Mayor is chairing the rural advisory group to Government and advocating very well on behalf of the rural sector. As our scheme only supplies stock water we are not included in the reforms and that poses many questions on how we manage in the future? Who will administer and service our scheme is some of the issues that will need debated and decided as the new information comes to hand?

3 Financial

The budget was presented and discussed.

As indicated in last year's minutes the capital expenditure item "Tasman Steel Tank" for reservoir upgrade is NOT REQUIRED!

Discussion on the need to improve our budget by covering depreciation resulted in this motion:

Moved N Barrie/W Erickson and resolved:

"That the Waipahi RWS recommend to Council that the unit water rate be \$240 for next year".

The loan balance was requested and given in a later email from Council, being \$927,411 year ending 2022.

4 General

The dry autumn and intake river levels highlighted the importance of increasing On Farm Storage and the need to encourage this among members.

The Chairman and Secretary reported on discussions with Ricky Tosh who farms the property surrounding the water intake pump station at Waipahi and the considerable favour they have given the Scheme since its inception providing access for contractors, the recent compressor line, as they have not been beneficiaries of the stock water!

As they are now in the process of joining the scheme the following motion was put:

Moved J Watt/N Barrie and resolved:

“That in consideration of access and easement of pipework, the Waipahi Rural Water Scheme fund a new fence and gates between the pumphouse and river and credit the Tosh application the capital contribution normally applied for new water units”.

The meeting closed at 2.45pm.

Confirmed

R Brock
Chairman

Wangaloa Rural Water Scheme Committee

Minutes of the annual meeting of the Wangaloa Rural Water Scheme Committee of the Clutha District Council held at Wangaloa Golf Club, Wangaloa Domain Road, Kaitangata on 11 April 2022, commencing at 1.00pm.

Present Chris Morahan (Chairman), Dean Storer, Councillor Bruce Graham, Mervyn Hale, William Johnston, Glenn Storer, Greg Wilson.

In Attendance Jules Witt, Greg Bowie (CDC).

Apologies Murray Marshall, Greg O'Boyle.

Moved B Graham/D Storer and resolved:

"That the apologies be sustained."

1 Confirmation of Minutes

The minutes from the annual meeting held on 27 April 2021 were presented for confirmation.

Approved unanimously and resolved:

"That the minutes of the annual meeting held on 27 April 2021 be approved as a true and correct record."

2 Matters Arising

The following item from the previous minutes of 27 April 2021 were raised:

- Need to know where pipeline comes from treatment plant – action to be taken to identify where line is.

Jules Witt (CDC) has made a note to get pipeline location work underway and contact landowner.

3 3 Waters Reform Update

Jules Witt (CDC) provided an update on the upcoming Three Waters Reform Programme, and the proposed timelines for this to happen. He advised that the reform is still ploughing ahead at full steam, and that a change in Government is unlikely to change the

reform programme apart from maybe a few tweaks to governance and structures. Working towards a 1 July 2024 start date for the new water entity, with CE's likely to be appointed by the middle of this year. The methods of only funding interest on loans and 25% of depreciation for the next 2 years were explained, in order to have a balance as close to zero as possible in the bank when the handover takes place.

Some questions were raised, and discussion held on filtration at each individual house – new entity can guarantee water quality to reservoir, but not quality of water getting from reservoir to individual properties. Should concrete tanks be gotten rid of – only if leaking. Proposal of Tasman tank – 500m³. Probably going to cost more than the \$130k budgeted. Lifespan – 80 years for tank itself, 25 years for liners. Discussion on whether cross-subsidisation will occur between water entities – will depend on size of area and what is currently being paid.

4 Draft Financial Statements

The draft financial statements were presented for Wangaloa RWS. It was noted from previous discussion that the Tasman tank project is likely to now cost more than the \$130k previously budget, and that this should be moved forward from 2023/24 to 2022/23 and the difference loan funded. A vote was held by consensus with all in favour.

Approved unanimously and resolved:

“That the \$130k Tasman tank project be brought forward from 2023/24 to 2022/23, and the cost increased to \$250k.

That the Wangaloa Rural Water Scheme confirms the unit rate for 2022/23 as \$356.00+GST.”

5 General

- Discussion regarding Neil Kelly's tank on boundary – 26 litres/minute – need to put restrictor back in to see what is going on. Can put restrictor on map. Blockage in line somewhere? Smaller lines used to work with more pressure – short-term solution was to take restrictor out, but now it is time to put it back in. No-one else is having problems, suggesting that it is being caused by a blockage rather than a leak – need to investigate. Heights between Kelly's tank and break pressure tank were noted.

The meeting closed at 2.12pm.

Confirmed

Chris Morahan
Chairman