Three Waters Committee

AGENDA

Notice of Meeting:

A meeting of the Three Waters Committee will be held on:

Date: **Wednesday 25 June 2025**

Time: **9.30am**

Venue: **Hine Paaka Council Chamber, Te Whare Whakatere**
2 Baring Square East, Ashburton

Membership

Chairperson	Russell Ellis
Deputy Chairperson	Liz McMillan
Members	Phill Hooper Lynette Lovett Tony Todd Mayor Neil Brown (ex-officio)

Three Waters Committee

Timetable	
9.30am	Meeting commences

ORDER OF BUSINESS

4. Three Waters Committee – 14/05/25

Minutes of the Three Waters Committee meeting held on Wednesday 14 May 2025, commencing at 9.30am, in the Hine Paaka Council Chamber, Te Whare Whakatere, 2 Baring Square East, Ashburton.

Present

Mayor Neil Brown, Councillors Russell Ellis (Chair), Phill Hooper, Lynette Lovett, Liz McMillan and Tony Todd.

Also present: Crs Leen Braam and Richard Wilson.

In attendance

Hamish Riach (Chief Executive), Neil McCann (GM Infrastructure & Open Spaces), Toni Durham (GM Democracy & Engagement), Andrew Guthrie (Assets Manager), Hernando Marilla (Operations Manager), Ulrich Glasner (Water Services Manager), and Heather Stoddart (Governance Support).

1 Apologies

Cr Mackle — Sustained

2 Extraordinary Business

Nil.

3 Declarations of Interest

Nil.

4 Confirmation of Minutes – 26/03/25

That the minutes of the Three Waters Committee meeting held on 26 March 2025, be taken as read and confirmed.

McMillan/Hooper — Carried

A PowerPoint presentation accompanied the activity reports.

5.1 Three Waters operations & maintenance

- An amendment to the report 5.1 – there are 3 Wastewater Treatment Plants and 18 wastewater pump stations.
- A live map has been developed which details the CRMs in the district. Blue symbols represent the "not completed" and yellow are "completed". Clicking on the symbols details all the information of the CRM, including photographs. It can all be shared with Customer Services. This map is for water, wastewater and other issues covering the whole of Ashburton.
- The map will also detail historical CRMs and repairs too, so that there is a future record.
- Currently an internal asset only, due to private information, hence why it's not shared publicly.
- There was comment that it would be beneficial to have this tool for the Methven Community Board, so that their CRMs can be detailed in the same way.

5.2 Ocean Farm

- Farm Manager has retired with effect 1 May 2025.
- Three main contractors engaged to continue the farm manager's functions. (ACL, Alliance & Townsend Agricultural).
- Remaining activities that will not be covered by the contractors will be managed internally by existing staff.
- ADC Property team is currently planning to rent out the property on Ocean Farm, so that there will be an on-farm presence for added security.

6.1 Drinking Water

- Confident to get all the UV upgrades listed in this PowerPoint to be completed by the end of the year.
- Tinwald looking like a new bore on the next planning cycle, looking to go deeper or another location.

- **Drinking Water Laboratory Accreditation**

- The Lab now complies as of 8 April 2025 and testing in the laboratory back up and running on the 16 April 2025.

- **Source Water Risk Management Plans**

- This work involves completing a formal risk assessment of the SWRMA and will require liaising with ECan regarding information they may have on land use activities, potential sources of contamination and other hazards

- **NE Ashburton Water supply extension**

- The landowners will receive correspondence in the mail about the proposal. About 17 landowners involved in the first round of consultations.
- This will be part of the report in the decision making to Council.
- Because Council hasn't decided on wastewater it can't be packaged with Drinking Water. It also depends on the trench heights and the pipes still need to be one metre apart.

- **Mixed Use Rural Water Supplies – Taumata Arowai Consultation**

- Officers will look to submit on the changes. The consultation closes at 5pm on Friday,13 June 25.

- **Montalto Water Supply**

- Have discussed with Montalto residents about starting a cartridge filtration system trial.
- Still looking to find three houses for the house trials. Need to find the right locations.

- **Leak Detection Programme Follow-Up**

- Ashburton NW of the main road and as far up as the pressure zone, which is Allens Rd, and Methven.
- A total of 103 leaks were identified on the Council network.
- More testing would be beneficial, but Officers/contractors doing what they can currently. The challenge is the resourcing issues for the follow-up after detection.
- Haven't done the calculations on the water that is saved, but that could be done in the future.
- Some bigger leaks can mask the noise of smaller leaks, hence why they went into Methven twice.
- Water meters aren't currently in the Long-Term Plan, as the trial in Methven had not yet been completed. Councillors agreed it wouldn't be prudent to include them given not having the findings of the trial.

- **Advanced Water Metering Trial**

- MOU currently under review, which will be signed next week and will report back at the next meeting.
- Rakaia East has been identified as the most suitable location for the trial.

- **Backflow Investigations and Implementation**

- Of the 652 properties, 80% have some form of backflow prevention but not compliant. Moving forward the focus is to target the 80% to comply and then target the 20%.
- To comply, backflow should be testable. To make backflow testable is quite an easy process.

6.2 Wastewater

- **Rakaia WWTP Sludge Drying Beds**

- Still working to minimise the leaks.
- The switchboard upgrade was included in the initial budget scope. But the estimate from the consultant, wasn't affordable, so officers wrote out the switchboard. But once the tenders came through, they were below budget, so it was decided to include the switchboard back in.
- Estimate for a new Switchboard $200-300k

- **Ocean Farm Irrigation Investigations**

- Met with 2 contractors, Rainer and Ray Maine about options around Irrigation.
- When using pivots, it's the high-power rate. Currently have "pop-up' sprinklers and although financially cheaper, they are not as effective.
- In favour to have a discussion around Wastewater strategy, which prompted a talk with ECan. ECan requested an action plan and now officers are 95% finished with the action plan, which will be put to the Councillors when complete.
- The aim would be to gather more data from all 11 zones, but there's only one meter. Ideally would like to do more calculations on a wider area with more meters, which is underway.

- **NE Ashburton Wastewater Servicing Concepts**

- A summary of the report of the servicing options will be shared to this committee when they are ready.

The Committee adjourned for a 10 minute break.

6.3 Stormwater

- Council's consent requires us to identify those top 10 properties that pose the highest risk of a site discharging contaminants to the Council stormwater network.
- Asked a consultant to develop a risk prioritisation framework.
- Difficult to put a label on what property might be high risk but the GIS tool, hopefully will make it easier to identify.

6.4 Asset Management

- **Asset Management Maturity Assessment**

-The targets are assessed internally and determined by the size of the organisation.
-Inform future asset management programmes.
- A tool to identify the gaps and the decision to close those gaps is Council's decision.

7 Drinking Water Compliance

- Annual assessment of 2024 based on the rules that applied at that stage.
- Now new rules have been enforced and the changes reflected that.
- Officers plan to update the compliance table quarterly.
- The main increase in compliance will come with completion of the capital work. Other stuff is related to back-office processes and there is a plan to address that in the next 18 months.
- Officers can expand the reporting, to show the full scope of compliance. This would require additional time in the meeting to discuss however it would help highlight the areas that need the most improvement and include and overview of the risk profile.

8 RMA Consent Compliance

- Three consents (CRC231924; CRC031002 & CRC031148) are Compliant
- CRC030999.1, Ocean Farm – Discharge contaminant to land) is assessed as Significant Non-compliance.
- Action Plan has been developed to address the non-compliance.
- Action Plan has been reviewed, and it is to be completed by the end of this week and ECan will confirm next week whether they accept this Action Plan.
- Effluent Quality reporting – repeating the testing to confirm that the long-standing issue is caused by the bird population within the wetland.
- Bird control has been considered previously, but potentially this might need to be revisited.
- HHWET use lasers to keep birds off of their ponds, so might be worth a call to them.

9 Financials

- Discussion around how officers are addressing the gap on the operating budget. Keep doing the work and then declare we'll go over; the alternative is that we stop work. Currently, reports are to look at the over's and under's and consider the budget as a whole. The financial variances are reported to Council monthly and so it was agreed that additional reporting on a 6-weekly basis was unnecessary.

Questions

- With the recent heavy rain event there was a wastewater complaint in relation to Wellington Street. Upon further investigation the stormwater roof run-off was directed into the wastewater system, which can add a strain on the network. The right pipe project – done almost 10 years ago –but there will continue to be new sites and changes to property post project.

- Discussions were had around the water service network. Gather thinking internally about what work needs to evolve. Understand the rational behind the service. Neil, Hamish and the team to discuss and organise a workshop in August/September. Consider the individual ratepayers, policy implications and where enforcement and knowledge sits, the non-compliance issues.
- LWDW - Discussions in progress about firstly, what appropriate resources are required; secondly, how we help each other out – standalone business unit – not in isolation. ADC need to work as one and assist all parts of council, but it needs to be accordingly charged. It's an uncertain regulatory exposure, but as time evolves, ADC will learn more about how to establish the business unit to reach compliance, and the infrastructure required will become evident, once ADC have the systems, reporting and monitoring in place.

The meeting concluded at 11:40am.

5. 3 Waters Operations

5.1. General Operations and Maintenance

For the month of May, the following activities were carried out:

- A total of 353 plant visits or 774 hours have been spent by plant operators in May monitoring and maintaining the operations of all water and wastewater treatment plants and pump stations. The number is almost the same as April which was 356 visits and 756 hours.
- Carried reinspection of 30 tradewaste devises to validate compliance to consent conditions
- Annual inspection of backflow devices was completed
- Continue repair of leaks that were identified during the leak detection activity. Once completed, approximately 90 l/sec or 2,800,000 cubic meters per year will be saved.
- A total of 135 CRMs was received in May which is higher than the 103 CRMs received in April. The numbers of locations are shown below.

CRM's by Location and Asset Type

Location	CRM	Actual Values	Total %
Ashburton	100	74.1%	74%
Chertsey	0	0.0%	0%
Dromore	6	4.4%	4%
Fairton	0	0.0%	0%
Hakatere	2	1.5%	1%
Hinds	1	0.7%	1%
Lake Hood	0	0.0%	0%
Mayfield	1	0.7%	1%
Methven	5	3.7%	4%
Montalto	12	8.9%	9%
Mt Somers	0	0.0%	0%
Ocean Farm	1	0.7%	1%
Rakaia	5	3.7%	4%
Springfield	2	1.5%	1%

5.2. Ocean Farm

Officers have been busy taking inventory and assessment of the assets at Ocean Farm. The team have been having discussions with ACL to come up with a schedule of items and activities necessary to ensure that maintenance activities around the farm are addressed.

6. Projects

6.1. Drinking Water

Dromore WTP UV/Filtration Upgrade [ARC Projects Ltd] Forecast Completion – 19/12/2025

- The Dromore WTP UV upgrade was restored into Package 1 with ARC Projects Limited.
- Programme completion date is 19 December 2025.

Ashburton - Argyle Park WTP UV Upgrade [ARC Projects Ltd] Forecast Completion – 29/08/2025

- The construction of the building is ongoing.
- As of May, 46% of the work programme is completed.

Ashburton, Tinwald WTP UV Upgrade [Ashburton Contracting Ltd] Forecast Completion – 30/06/2025

- Building works are complete except for painting.
- Installation of the electrical and control systems is complete.
- The UV unit has been commissioned.
- Final plant commissioning is planned for 16 June 2025.
- Quality Assurance (QA) documentation to be submitted before Practical Completion is issued.
- Project is on time to deliver the project in June 2025.

Rakaia WTP UV Upgrade [Ashburton Contracting Ltd] Forecast Completion – 30/06/2025

- Building work is complete except for painting.
- The pipework is to be tested and sterilised in the week ending 13 June 2025.
- The UV unit is to be commissioned in the week ending 13 June 2025.
- Installation of the electrical and control instrumentation is underway.
- Commissioning plan is yet to be received.

Chertsey WTP UV/Filtration Upgrade [Ashburton Contracting Ltd] Forecast Completion – 31/10/2025

- The block work is underway.
- The civil pipework, water, fibre, and power to the new site complete.
- Site fencing has been completed.
- The UV unit has been delivered.
- This project is currently running behind programme but officers are discussing with the contractor options to accelerate work to meet the agreed deadline.

Ashburton - Domain WTP UV Upgrade [Ashburton Contracting Ltd] Forecast Completion Date – 19/12/2025

- The tender & design documents have been received.
- This contract has been awarded to Ashburton Contracting Ltd as part of package 2.
- Contractor has commenced ground investigation works and obtaining necessary permits.

Ashburton - Bridge St WTP UV Upgrade [ARC Projects Ltd] Forecast Completion – 19/12/2025

- This contract has been awarded to ARC Projects Ltd as part of package 1.
- The current programme completion date 13 November 2025.
- As of May, 18% of work programme is completed.

2025/26 Water Pipeline Renewals [Service Provider TBC] Forecast Completion – 5/12/25

- The tender was sent out to market via TenderLink on 18 April 2025 and closed on 16 May 2025.
- The tender award is scheduled for 18 June 2025.
- The contract start date is 1 July 2025.

2025/26 Rural Water Pipeline Renewals [Fulton Hogan] Forecast Completion – 5/12/25

- The tender was sent out to market via TenderLink on 11 April 2025 and closed on 16 May 2025.
- Nine Tenders was received with tender amounts ranging from $1,004,102.47 to $1,988,074.35
- Tenders were evaluated using Price Quality Method (PQM) were grades awarded ranging between 50 to 80.30 points for non-price attributes.
- Fulton Hogan was selected as the preferred tenderer having a non-price attribute score of 80 and price tender of $1,008,580.20.
- The tender awarded to Fulton Hogan in the amount of $1,008,580.20 under delegated authority of the Chief Executive.
- The contract start date is 1 July 2025.

Source Water Risk Management Plans [Internal/TBC] Forecast Completion – 31/12/25

- This work involves completing a formal risk assessment of the SWRMA and will require liaising with ECan regarding information they may have on land use activities, potential sources of contamination and other hazards.
- These plans are best developed by internal resources, so to provide internal capacity to complete this work, Taumata Arowai compliance reporting is going to be outsourced for the remainder of this year and all of 2025/26 year. This outsourcing will be managed within existing budget provisions.
- Officers met on 19 June to discuss logistics of progressing this work. A verbal update will be provided at the meeting.

NE Ashburton Watermain Extensions [Internal] Forecast Completion – 31/03/2025

- The first package is Seafield Rd (Company to Keenans); Keenans Rd (Seafield to Company); and South Park (No 49 South Park to Keenans). Total length is 1,180m.
- Consultation with landowners began 14 May and closed 6 June.
- The results and future of this extension will be the subject of a standalone report to the 30 July meeting of the committee.

Mixed Use Rural Water Supplies, TA Engagement [Internal] Forecast Completion – BAU

- Consultation on proposed changes to the acceptable solution closed on 13 June. More information is available here.
- One of the key changes is the ability to use non-validated UV systems in some cases where appropriate to do so. This is a positive change that should reduce the cost of a scheme utilising the acceptable solution. The officer submission is generally in support of the changes with some additional comments regarding the future guidance material still in development.

Backflow Investigations and Implementation [Internal] Forecast Completion – BAU

- This project covers the risk assessment of properties connected to all water supplies to determine the need for installation of appropriate backflow prevention devices, and the installation of devices on high-risk properties.
- This project will contribute to meeting part of the distribution zone requirement of the Drinking Water Quality Assurance Rules (DWQAR), rules D3.1-D3.5.
- Officers met on 19 June to discuss how this project will be progressed. A verbal update will be provided at the Committee meeting.

Leak Detection Programme Follow-up [Ashburton Contracting Ltd] Forecast Completion – BAU

- A specialist leak detection contractor was engaged to carry out acoustic leak detection in various locations (Ashburton north-west of SH1, and Methven). A total of 103 leaks were identified on the Council network. Of the 103 leaks, 46 were high priority leaks and were immediately repaired. The remaining 57 low priority leaks were repaired according to severity.
- At the time of writing 49 of the 57 have been repaired, 2 are actively being repaired and 6 are still to be attended to.

Advanced Water Metering Trial [Service Provider TBC] Forecast Completion - TBC

- Officers have been in discussions with a company offering a trial of a very advanced water metering technology. The company essentially provides metering as a service where they supply the infrastructure and guarantee the data from the meter.
- The structure of trial proposed includes providing Council up to 350 of the advanced meters, a contribution to the installation, and operation of the meter and supply of data for 12 months.
- The meter data (30min or 60min intervals) is all captured through IOT technology and uploaded to the company's cloud platform. The data is then supplied electronically to Council.
- The proposal appears to pose very limited risk to Council. If it does proceed, the eastern side of Rakaia Township (east of SIMT Railway) is considered the most suitable location for the trial.
- A memorandum of understanding has been finalised following review by officers.

6.2. Wastewater

Rakaia WWTP Control Panel Upgrade [Service Provider TBC] Forecast Completion – 31/10/25

- This project is complimentary to the recent sludge beds project and due to the significant savings associated with the sludge beds tender, officers proposed to tender and commence this work before the end of the year.
- This will reduce the total favourable variance expected in the wastewater capital area and require a partial carryover to fund the works. It is anticipated that all works can be completed by 31 October 2025.
- The contract was lodged on TenderLink on 9 May with an original closing date of 30 May. Following an enquiry from a tenderer, this was subsequently extended to 13 June.

Grit Chamber Pipeline Renewal [Ashburton Contracting Ltd] Forecast Completion – 30/06/2025

- Over 80% of the pipeline has been laid.
- With the wet weather the past weeks, the contractor is hoping that the work will be completed by 30 June 2025.

2025/26 Wastewater Pipeline Renewals [Service Provider TBC] Forecast Completion – 5/12/25

- The tender was sent out to market via TenderLink on 18 April 2025 and closed 6 May 2025.
- The tender award is scheduled for 18 June 2025.
- The contract start date is 1 July 2025.

NE Ashburton Wastewater Servicing Concepts [Beca Ltd] Forecast Completion – 31/03/2025

- The consultant has completed the first stage of work on a gravity option. This concept indicates a need for two lift stations and a larger pump station.
- Officers met with Beca staff (26/11) to discuss the concept and asked for some more information on the servicing extent. This will confirm the number of existing properties that could be serviced by the network. This information was shared with the Committee at the previous meeting.
- The consultant will be providing a summary report of the servicing options and high-level cost implications for each. The Committee has requested that this information be brought back to the committee and ultimately Council consideration as a potential future project as soon as its available.

6.3. Stormwater

Industrial Sites Stormwater Risk Prioritisation [Beca Ltd] Forecast Completion – 30/06/2025

- The consultant has developed in conjunction with officers a risk prioritisation framework to be applied across the stormwater management area. In simple terms, the framework provides the basis for consistently assessing the risk of a site discharging contaminants to the Council stormwater network.
- A GIS tool has also been developed that provide a first high-level filtering of properties based on a range of inputs including the newly developed framework.
- Ground truthing the framework and tool output has been completed and has resulted in some minor refinements.
- AECL have reviewed the framework and provided input, with minimal changes required.
- The Committee asked to see the framework prior to it being finalised. The Risk Prioritisation Framework report has been circulated to elected members separately for comment.

6.4. Asset Management

Taumata Arowai Levies [N/A] Forecast Completion – BAU

- The Government has confirmed that Taumata Arowai (TA) will be funded by a mix of Crown funding and levies payable by councils or council-controlled organisations (CCOs) from 1 July 2025.
- The levy, and related decisions, sets the Authority's annual funding for the next three years. You can read more about the levies here.
- As well as confirming the total levy, the announcement also confirms the split across the three waters activities. The ADC levies across the activities are reproduced in Table 1.
- TA advise that the split between the three waters may vary from year to year as the estimated cost of delivering activities changes over the period.

Year	Drinking Water	Wastewater	Stormwater	Total Levy
2025/26	$107,813	$30,188	$5,750	$143,751
2026/27	$107,813	$30,188	$5,750	$143,751
2027/28	$106,375	$30,188	$7,188	$143,751

Table 1 - Confirmed TA Levies for 2025-2028. Amounts exclude GST.

- The total provision made within ADC budgets for 2025/26 year is $200,000 (split as $118,026 for drinking water and $81,974 for wastewater). There was no specific budget provision made in the stormwater activity, but it is anticipated this can be managed within the overall activity budgets.

Network Environmental Performance Report (NEPR) [N/A] Forecast Completion – BAU

- Part of TA's responsibilities under the Water Services Act 2021 include monitoring and reporting on the environmental performance of public drinking water, wastewater, and stormwater networks and their operators.
- Other responsibilities are to provide national oversight and promote public understanding of environmental performance of networks.
- Toward meeting these responsibilities, Taumata Arowai will also be releasing the 2023/24 Network Environmental Performance Report before the end of June.
- Officers will circulate the report with Council as soon as it becomes available and will provide a summary of the report, and observations at the 30 July meeting of the Committee.

Construction Unit Rates & Asset Lives Review [Beca Ltd] **Forecast Completion – 30/06/2025**

- Beca Consultants have been engaged to review our construction unit rates and asset lives for use in the upcoming infrastructural asset revaluation. This review is usually conducted on a three yearly cycle and ensures any asset revaluation exercise remains relative to the real-world construction costs.
- Both factors can have significant implications to the final asset valuation so by out-sourcing this work, it is less likely to be challenged by AuditNZ when they audit the ADC Annual Report.
- The draft output has been received, and it is still to be reviewed.

7. Drinking Water Compliance

7.1. Overview

Please refer to the summary table in Appendix A.

7.2. Drinking Water Compliance Commentary

The overview report shows the compliance status of Council operated supplies for the first quarter of the 2025 reporting year and is largely unchanged from the report provided at the May committee meeting (some minor assessment errors were addressed). Officers have however fully expanded the report and highlighted as follows:

- rules where compliance is expected to improve from capital upgrades (shown in orange);
- rules where compliance is impacted by deficiencies in procedural management (shown in blue); and
- rules that are still under investigation to determine the optimal solution (green).

Addressing some of the procedural management deficiencies is already underway in some cases. An example is items relating to backflow management which will be addressed as part of the Backflow Investigations and Implementation project noted earlier in the agenda.

The investigation items include the Montalto water supply which has been well canvassed and is awaiting regulatory change (MURWS-AS), and more recently the Hakatere water supply which has come to our attention in relation to the need for pH correction.

7.3. Drinking Water Regulation Report (DWRR) 2024

The Drinking Water Regulation Report (DWRR) reflects data and information provided to Taumata Arowai for registered drinking water supplies for the 2024 calendar year. The DWRR is scheduled to be released before the end of June.

Officers will circulate the report with Council as soon as it becomes available and will provide a summary of the report, and observations at the 30 July meeting of the committee.

7.4. Drinking Water Quality Assurance Rules (Level 3)

Taumata Arowai are in the process of reviewing the Level 3 rules of the DWQARs. These are the rules for large supplies (i.e. greater than 500 population) and follows on from the review of small / medium supply rules in 2024 which took effect from 1 January 2025. Officers attended an online pre-consultation meeting with Taumata Arowai on 28th of May to discuss the proposed changes.

Virus Treatment

A key aspect of the rule changes will be inclusion of rules for virus treatment as the current rules do not explicitly address treatment of viruses in drinking water.

The current bacterial disinfection rules have a relatively high disinfection contact time requirement as a proxy for dedicated virus treatment rules.

Taumata Arowai expect to consult on the changes to these rules in August-September 2025 then adopt the new rules by the end of 2025. Once adopted the new rules will take effect from 1 January 2027 allowing 1 year transition period during 2026.

The new rules will require a virus treatment or barrier in treatment systems for large supplies alongside the already required bacterial & protozoa barriers. A virus barrier can be provided by UV disinfection or chlorine disinfection with adequate disinfection contact time.

Class 1 Water Source

There will be one exception to the requirement for treatment barriers. Supplies that source water from deep groundwater sources that meet the requirements of what is known as Class 1 water will be exempt from providing a bacterial, protozoal or virus barrier (chlorine for residual disinfection will still be required). This is a change from the current rules where Class 1 status provides an exemption from providing a protozoa barrier only.

As the scope of Class 1 status is expanding the requirements a water source must meet to be deemed a class 1 source will also expand to include virus sampling and online monitoring of turbidity, pH & conductivity. The detail on the virus sampling is still being worked through by Taumata Arowai but is likely to require 1 virus sample per quarter from each class 1 source.

The Ashburton & Rakaia supply bores currently meet Class 1 source water requirements and should also meet the new Class 1 requirements around viruses. However, since both supplies will have UV disinfection operational by the end of 2025 they technically will not need to have Class 1 status to be fully compliant with the DWQARs. Officers see merit in maintaining Class 1 status on these supplies as part of a multibarrier approach to water treatment, but the implications of the new Class 1 requirements will need to be better understood to confirm this approach.

8. RMA Consents Compliance

8.1. Overview

Please refer to the summary table in Appendix B.

8.2. RMA Consents Compliance Commentary

The majority of consents held by ADC are compliant.

There were no new compliance monitoring reports received since the last committee meeting.

There are three consents with existing assessments of **non-compliant action required**.

- CRC031000.1 Ocean Farm WWTP, discharge to land. This consent covers the operation of the overflow weir structure at top of wetland. The non-compliance relates to exceedances of the overflow limits.
- CRC980564.1 Rakaia WWTP, discharge contaminant to land. This relates to a requirement to update the management plan. This was submitted to ECan and accepted on 5 June 2025.
- CRC186263 Ashburton Stormwater Network, discharge stormwater to land. This relates to the delay in completing the industrial site assessment. This is an active project with an update provided in the stormwater section of this report.

There is one existing **significant non-compliance**.

- CRC030999.1 Ocean Farm WWTP, discharge contaminant to land. As reported previously this is due to: uncompleted wetland renovation projects; effluent quality reporting exceedances; the evenness of the land discharge & exceedances of the nitrogen loading rate; and the control system does not record the time and volumes discharged to each irrigation block.

Following a meeting with Environment Canterbury senior compliance staff to discuss the Ocean Farm non-compliances it was agreed that an action plan would be developed outlining the actions to be taken towards addressing the non-compliances.

The action plan was subsequently developed including tasks that officers believe will be necessary to ultimately address the compliance issues. The action plan was submitted to ECan on 16/05/25. A copy of the action plan is included in Appendix D.

Feedback was received from ECan staff on 9/06/25 seeking an additional action. ECan is requesting that the wastewater characteristics of the raw wastewater inflow are remodelled to determine comparability to the characteristics contained in the original consent application. This additional action is considered reasonable, and it would almost certainly form part of the work under the wastewater strategy. Officers will confirm the intention to complete the additional work as a subset of the wider wastewater strategy development.

9. Financials

9.1. Overview

Please refer to the summary table in Appendix C.

9.2. Financials Commentary

Operating Income

Drinking Water

The Capital Services Contributions (AKA Development Contributions) are ~218k above the full year budget and will be a permanent favourable variance at 30 June. Forecasting a final favourable variance of ~$220k. The budgets for these items did not reflect the increased development contribution fee structure finally adopted in the Long Term Plan. This has been addressed for the Y2 budgets.

Operating Expenditure

Drinking Water

Expenditure on the Maintenance Contracts is (24% or $425k) above the YTD budget. This is driven partly by the volume of reactive works being much higher than that anticipated at time of budget preparation and the cost (and subsequent maintenance impact) of undertaking the annual leak detection programme. This item is being closely monitored but at this stage there is a forecast unfavourable variance in operating expenditure overall of ~$250k expected at 30 June.

Wastewater

Expenditure on the Ashburton Maintenance Contracts is (27% or $190k) above the YTD budget. This is driven partly by the volume of reactive works being much higher than that anticipated at time of budget preparation and the cost (and associated maintenance impact) of undertaking the annual CCTV condition assessment. This item is being closely monitored and may partially be offset by favourable variance in Methven & Rakaia cost centres.

Stormwater

This is currently below the YTD budget. This relates to industrial sites assessment project only recently commencing. This project is operational in nature and is being funded from the Investigations budget line item in Ashburton stormwater. The project is implementation work associated with the network-wide consent for Ashburton.

Capital Expenditure

Drinking Water - Group Supplies

Expenditure is late and reflects the revised timing of the Filtration/UV water treatment upgrades. At this point we are forecasting a favourable variance of ~$8.8M at 30 June of which $5.3M may be carried over for project completion.

Drinking Water - Montalto

This budget is carry-over funding to support ongoing investigations and ultimately design of an upgrade solution for the supply. Taumata Arowai consultation on the Mixed-Use Rural Water Supplies Acceptable Solution closed on 13 June. It is understood any changes arising would be given effect to prior to the end of the year (potentially sooner). A revised Acceptable Solution may make point of entry treatment a viable solution. On this basis, we are progressing a pilot trial of units at three sites to evaluate the performance of point of entry treatment. We envisage that the limited expenditure associated with the pilot trial against this budget will result in a forecast favourable variance of ~$350k at 30 June.

Wastewater

Expenditure is below YTD budget. Actuals reflect costs on the Rakaia Sludge Beds, and a later start of the Grit Chamber pipeline renewal. Due to favourable tendering for these projects, we are forecasting a favourable variance between $2.5-3.0M at 30 June.

- Rakaia sludge beds project – On track, contractual works are complete, although a separate associated project to renew the switchboard and controls is ongoing. This work will now be committed before 30 June 2025, and a carryover will be requested for the value of work.
- Grit chamber pipeline renewal – expected completion 30 June 2025.

10. Procurement

10.1. Active Tenders / Pricing

A list of the contracts or other works currently out for tender or pricing (including those that have recently closed but not yet awarded) is set out in Table 2.

Contract or Item Name	Closing Date
WATE0417 2025/26 Water Pipeline Renewals	16/05/2025
WWAT0391 2025/26 Wastewater Pipeline Renewals	16/05/2025
Rakaia WWTP Control Panel Upgrade	13/06/2025
External Laboratory Services 2025/26 – Drinking Water	06/06/2025
External Laboratory Services 2025/26 – Wastewater, Stormwater	06/06/2025

Table 2 - Contracts or other items currently being tendered/priced or pending award.

10.2. Contracts Awarded

A list of contracts or other works awarded during the reporting period is set out in Table 3.

Contract or Item Name		Awarded to	Value	Estimate	Tenders received	TTM
WWAT0429 Sewer Pipeline Relining		Pipe Technologies Ltd	$1,117,720.00	$2,250,000.00	6	$50,000.00
WATE0416 Rural Watermain Renewals		Fulton Hogan Ltd	$1,008,580.20	$1,004,102.76	9	$52,613.00

Table 3 - Contracts or other items awarded.

11. Photo Gallery

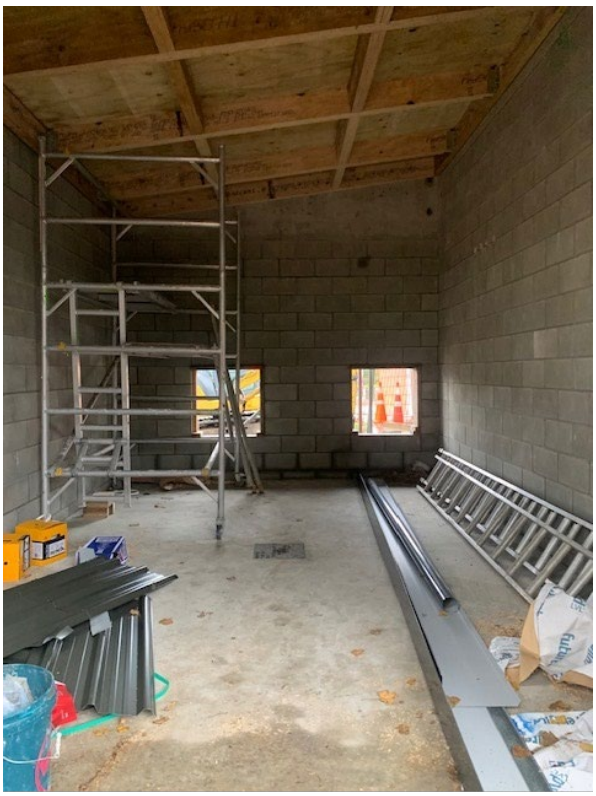
Mayfield WTP UV/Filtration Upgrade

Mayfield WTP UV/Filtration Upgrade

Hinds WTP UV/Filtration Upgrade

Hinds WTP UV/Filtration Upgrade

	
Tinwald WTP UV Upgrade	**Tinwald WTP UV Upgrade**
	
Chertsey WTP UV/Filtration Upgrade	**Chertsey WTP UV/Filtration Upgrade**

	
Argyle Park WTP UV Upgrade	**Argyle Park WTP UV Upgrade**
	
Argyle Park WTP Structural Imps Existing Bdg	**Rakaia WTP UV Upgrade**

	
Grit Chamber Pipeline Renewal	**Grit Chamber Pipeline Renewal**

Appendix A

ADC DRINKING WATER COMPLIANCE STATUS SUMMARY

Internal Assessment Against Drinking Water Quality Assurance Rules 2022 29 November 2024

Assessment Period - Q1 2025 (1 Jan to 31 Mar 2025)

DWQARs Rule #	Rule Type	Compliance Period	Ashburton	Methven	Rakaia	Chertsey	Dromore	Hakatere	Hinds	Mayfield	Montalto	Mt Somers
General Rules (G Rules)	Assurance	Varies	**53%**	**53%**	**53%**	**58%**	**58%**	**58%**	**58%**	**58%**	**58%**	**58%**
G2.1 - Level 2 Monitoring Rules Reporting	Assurance	Dependent	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
G2.2 - Level 2 Assurance Rules Reporting	Assurance	Dependent	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
G3 - Level 3 Reporting	Assurance	Dependent	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G4 - Level 3 Annual Monitoring rules reporting	Assurance	Dependent	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G5 - Level 3 Annual Reporting Assurance rules reporting	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G6 - Sample labelling	Assurance	1 Year	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
G7 - Microbio sample transport	Assurance	1 Year	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
G8 - Accredited labs and sampling procedures	Assurance	1 Year	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
G9 - Handheld instrument calibrations	Assurance	1 Year	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
G10 - Suitably trained or experienced personnel	Assurance	1 Year	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
G11 - Hygiene code of practice	Assurance	1 Year	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
G12 - Online instrument calibrations	Assurance	1 Year	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
G13 - Online data (T1 T2 & T3) 1min records	Assurance	1 Year	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
G14 - Online data continuity	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G15 - Online data 30min records (S or D rules)	Assurance	1 Year	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
G16 - Online FAC pH compensated	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G17 - Grab samples when online monitoring fails	Assurance	Dependent	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Level 2 Source Rules (S2 Rules)	Varies	Varies	**N/A**	**N/A**	**N/A**	**100%**	**100%**	**100%**	**100%**	**100%**	**79%**	**100%**
S2.1 (a) - E-coli	Monitoring	N/A	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
S2.1 (a) - Coliforms	Monitoring	N/A	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
S2.1 (b) - pH	Monitoring	N/A	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
S2.1 (b) – Turbidity	Monitoring	N/A	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
S2.1 (b) - Iron	Monitoring	N/A	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
S2.1 (b) - Manganese	Monitoring	N/A	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
S2.1 (b) - Nitrate	Monitoring	N/A	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
S2.1 (b) - Arsenic	Monitoring	N/A	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
S2.1 (b) - Boron	Monitoring	N/A	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
S2.3 - Determinants >50% MAV extra monitoring	Monitoring	N/A	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
S2.4 - Source sampling point	Assurance	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
S2.5 - Cyanobacteria risk	Assurance	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	0%	100%
S2.6 - Surface water cyanobacteria monitoring/response	Monitoring	1 Month	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	N/A
S2.7 - Customer complaints cyanobacteria	Assurance	1 Year	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	N/A
Level 3 Source Rules (S3 Rules)	Varies	Varies	**100%**	**88%**	**100%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
S3.1 - Source Water Class	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.2 - Class 1 sanitary bore head	Assurance	1 Year	100%	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - E-coli	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Coliforms	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Iron	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Manganese	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Colour	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Nitrate	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Alkalinity	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Antimony	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Arsenic	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Barium	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ADC DRINKING WATER COMPLIANCE STATUS SUMMARY

Internal Assessment Against Drinking Water Quality Assurance Rules 2022 29 November 2024

Assessment Period - Q1 2025 (1 Jan to 31 Mar 2025)

DWQARs Rule #	Rule Type	Compliance Period	Ashburton	Methven	Rakaia	Chertsey	Dromore	Hakatere	Hinds	Mayfield	Montalto	Mt Somers
S3.3 - Cadmium	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Calcium	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Chloride	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Chromium	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Copper	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Lead	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Magnesium	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Mercury	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Nickel	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Sodium	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Sulphate	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Conductivity	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - pH	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.3 - Turbidity	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.4 - Alpha activity	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.4 - Beta activity	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.4 - Potassium	Monitoring	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.5 - Weather Event extra monitoring (Class 2,3 & 4)	Monitoring	N/A	N/A	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.6 - Risk based extra monitoring (SWRMP)	Monitoring	Dependant	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.7 - Cyanobacteria risk	Assurance	1 Year	100%	0%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.8 - Cyanobacteria response plan (if high or medium risk)	Assurance	1 Year	N/A	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S3.9 - Cyanobacteria monitoring	Assurance	1 Year	N/A	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Level 2 Treatment Rules (T2 Rules)	Varies	Varies	**N/A**	**N/A**	**N/A**	**46%**	**46%**	**89%**	**46%**	**46%**	**57%**	**96%**
T2.1 (a) - E-coli	Monitoring	1 Month	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
T2.1 (b) - Coliforms	Monitoring	1 Month	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
T2.1 (c) - Chemical used in treatment (excl Fluoride or FAC)	Monitoring	1 Month	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	0%
T2.2 (a) - Turbidity	Monitoring	1 Month	N/A	N/A	N/A	0%	0%	100%	0%	0%	0%	100%
T2.2 (b) - FAC	Monitoring	1 Month	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
T2.2 (c) - pH	Monitoring	1 Month	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
T2.2 (d) - Fluoride	Monitoring	1 Month	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T2.3 (a) - T2.2 sample spacing	Non-Reporting	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
T2.3 (b) - T2.2 samples DofW	Non-Reporting	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
T2.4 - Chlorate	Monitoring	3 Months	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
T2.5 - Other chemical determinants	Monitoring	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
T2.6 (a) - Post WTP turbidity <5.00NTU	Assurance	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
T2.6 (b) - Post WTP FAC >0.5mg/L	Assurance	1 Year	N/A	N/A	N/A	100%	100%	0%	100%	100%	100%	100%
T2.6 (c) - Post WTP pH 6.5-8.0	Assurance	1 Year	N/A	N/A	N/A	100%	100%	0%	100%	100%	100%	100%
T2.7 (a) - Cartridge filter installed (5 micron or smaller)	Assurance	1 Year	N/A	N/A	N/A	0%	0%	0%	0%	0%	N/A	N/A
T2.7 (b) - Back washable filter installed	Assurance	1 Year	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T2.7 (c) - Slow sand (biological filter)	Assurance	1 Year	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T2.7 (d) - Membrane filter	Assurance	1 Year	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	100%
T2.8 (a) - Cartridge filter pore size must be 5 micron or smaller	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	N/A	N/A
T2.8 (b) - Cartridge filter pumps not connected to discharge side	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	N/A	N/A
T2.8 (c) - Cartridge filter pump after filtration filtrate must discharge to tar	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	N/A	N/A
T2.8 (d) - Cartridge filter DP monitoring	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	N/A	N/A
T2.8 (e) - Cartridge filter flow within spec	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	N/A	N/A
T2.9 (a) - UV disinfection installed	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	0%	100%
T2.9 (b) - Chlorine disinfection installed	Assurance	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%

ADC DRINKING WATER COMPLIANCE STATUS SUMMARY

Internal Assessment Against Drinking Water Quality Assurance Rules 2022 29 November 2024

Assessment Period - Q1 2025 (1 Jan to 31 Mar 2025)

DWQARs Rule #	Rule Type	Compliance Period	Ashburton	Methven	Rakaia	Chertsey	Dromore	Hakatere	Hinds	Mayfield	Montalto	Mt Somers
T2.10 (a) - UV dose must be ≥40mJ/cm2	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	0%	100%
T2.10 (b) - UVT must be monitored monthly or continuously	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	0%	100%
T2.10 (c) - UVI/UV dose monitored continuously or recorded twice weekly	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	0%	100%
T2.10 (d) - UV unit must be certified	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	0%	100%
T2.10 (e) - UV water must meet UVT limits for UV unit	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	0%	100%
T2.10 (f) - UV lamp usage recorded alarmed & not exceed specs	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	0%	100%
T2.10 (g) - UVI sensor check & replaced annually	Assurance	1 Year	N/A	N/A	N/A	0%	0%	100%	0%	0%	0%	100%
Level 3 Treatment Rules (T3 Rules)	Varies	Varies	**53%**	**61%**	**86%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
T3 Bacterial Rules	Varies	Varies	**0%**	**89%**	**99%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
T3.1 - FAC	Monitoring	1 Day	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.1 - pH	Monitoring	1 Day	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.1 - Turbidity	Monitoring	1 Day	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.1 - Flow	Monitoring	1 Day	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.1 - Contact Tank Level	Monitoring	1 Day	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.1 - FACE	Monitoring	1 Day	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.1 - T10	Monitoring	1 Day	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.1 - C.t	Monitoring	1 Day	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.2 - C.t >15 min.mg/L at least 95% of day	Monitoring	1 Day	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.3 - FACE >0.2mg/L	Monitoring	1 Day	N/A	N/A	97%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.4 - T10 > 5mins	Monitoring	1 Day	N/A	N/A	99%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.5 - Turbidity <1.00NTU at least 95% of day	Monitoring	1 Day	N/A	N/A	92%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.6 - Turbidity not >2.00NTU for any consecutive 15min period	Monitoring	1 Day	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.15 - UVT	Monitoring	1 Day	0%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.15 - Turbidity	Monitoring	1 Day	0%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.15 - UVI or Dose	Monitoring	1 Day	0%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.15 - Flow	Monitoring	1 Day	0%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.15 - UVI Sensor	Monitoring	1 Month	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.16 - UV Dose >40mJ/cm2 at least 95% of day	Monitoring	1 Day	0%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.17 - UV Dose not <40mJ/cm2 for any consecutive 15min period	Monitoring	1 Day	0%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.18 - Turbidity not >5.00NTU for any consecutive 15min period	Monitoring	1 Day	0%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.19 - UV Certification USEPA	Assurance	1 Year	0%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3 Protozoal Rules	Varies	Varies	**100%**	**95%**	**100%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
T3.22 - Protozoa barrier installed appropriate to source class	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.73 - Membrane Filtration	Assurance	1 Year	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.74 - Membrane Direct Integrity tests minimum of daily	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.75 - Membrane not used if DIT failed	Assurance	1 Year	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.76 - DIT Prompt (Turbidity >0.1 for >15 consecutive min)	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.77 - Turbidity must be <1.00NTU	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.78 - If membrane out of service for >6hrs DIT before service	Assurance	1 Year	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.79 - Turbidity	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.79 - Service State	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.79 - Membrane Integrity	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.85 - Flow	Assurance	1 Year	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.86 - UV Dose >target at least 95% of day	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.87 - UV Dose not <target for any consecutive 15min period	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.88 - Turbidity not >5.00NTU for any consecutive 15min period	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ADC DRINKING WATER COMPLIANCE STATUS SUMMARY

Internal Assessment Against Drinking Water Quality Assurance Rules 2022 29 November 2024

Assessment Period - Q1 2025 (1 Jan to 31 Mar 2025)

DWQARs Rule #	Rule Type	Compliance Period	Ashburton	Methven	Rakaia	Chertsey	Dromore	Hakatere	Hinds	Mayfield	Montalto	Mt Somers
T3.89 - UVT ≥95% of validated limit at least 95% of day	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.90 - UVT <80% of validated limit for any consecutive 15min period	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.91 - UVT	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.91 - Turbidity	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.91 - UVI or Dose	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.91 - Flow	Monitoring	1 Day	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.91 - UVI Sensor	Monitoring	1 Month	N/A	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3 Chemical Rules	Varies	Varies	**60%**	**60%**	**60%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
T3.92 - Chemical Sampling (CIMP)	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.93 - Chemical determinant typical range	Monitoring	1 Month	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.94 - Sampling point	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.95 - Sample containers	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3.96 - Event based sampling	Monitoring	Dependant	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T3 Cyanotoxin Rules	Monitoring	1 Month	**N/A**	**0%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
T3.97 - Cyanotoxin Sampling	Monitoring	1 Month	N/A	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Level 2 Distribution System Rules (D2 Rules)	Varies	Varies	**N/A**	**N/A**	**N/A**	**91%**	**91%**	**91%**	**91%**	**91%**	**82%**	**91%**
D2.1 (a) - E-coli	Monitoring	1 Month	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
D2.1 (b) - Coliforms	Monitoring	1 Month	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
D2.2 - FAC	Monitoring	1 Month	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
D2.3 - FAC , E-coli & Total Coliform sampling location	Non-Reporting	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
D2.4 (a) - FAC sample spacing	Non-Reporting	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
D2.4 (b) - FAC DofW	Non-Reporting	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
D2.5 - Metal Sampling	Monitoring	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
D2.6 - Metal Sampling locations & procedure	Non-Reporting	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
D2.7 (a) - FAC >0.2mg/L 80% of time	Assurace	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%
D2.7 (b) - FAC >0.1mg/L 100% of time	Assurace	1 Year	N/A	N/A	N/A	100%	100%	100%	100%	100%	0%	100%
D2.8 - Backflow Risk & Mitigation	Assurace	1 Year	N/A	N/A	N/A	0%	0%	0%	0%	0%	0%	0%
Level 3 Distribution System Rules (D3 Rules)	Varies	Varies	**51%**	**44%**	**44%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
D3 Backflow Prevention Rules	Assurance	1 Year	**17%**	**17%**	**17%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
D3.1 - Backflow prevention program	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.2 - Backflow survey	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.3 - Backflow prevention devices	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.4 - Testing of backflow prevention devices	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.5 - Register of backflow devices	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.6 - No hydrant access (except for emergency or maintenance)	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3 New & Repaired Water Mains Hygiene Procedures Rules	Assurance	1 Year	**0%**	**0%**	**0%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
D3.7 - Repair Risk Assessment	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.8 - Materials free of & protected from contamination	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.9 -Tool disinfection	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.10 - Mains disinfection	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.11 - SOPs for repairs	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3 Facilities Operation, Maintenance and Disinfection Rules	Assurance	1 Year	**N/A**	**17%**	**17%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**

ADC DRINKING WATER COMPLIANCE STATUS SUMMARY

Internal Assessment Against Drinking Water Quality Assurance Rules 2022 29 November 2024

Assessment Period - Q1 2025 (1 Jan to 31 Mar 2025)

DWQARs Rule #	Rule Type	Compliance Period	Ashburton	Methven	Rakaia	Chertsey	Dromore	Hakatere	Hinds	Mayfield	Montalto	Mt Somers
D3.12 - Water Storage Management Plan	Assurance	1 Year	N/A	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.13 - Storage Facilities annual inspection	Assurance	1 Year	N/A	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.14 - Storage Facilities disinfection procedures	Assurance	1 Year	N/A	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.15 - Offline storage facilities disinfection & testing before return to serv	Assurance	1 Year	N/A	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.16 - Storage Facilities access materials acceptable	Assurance	1 Year	N/A	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.17 - Storage Facilities access material disinfected	Assurance	1 Year	N/A	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3 Residual Disinfection, Disinfection By-product, and Plumbosolvent Metals Rules	Varies	Varies	**86%**	**88%**	**88%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
D3.18 - Written Sampling Plan	Assurance	1 Year	0%	0%	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.19 - FAC >0.2mg/L 85% of time >0.1mg/L 100% of time	Monitoring	1 Month	92%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.22 - DBP sampling	Monitoring	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.23 - Sampling points DBP	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.24 - Metals sampling	Monitoring	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.25 - Online FAC locations	Assurance	1 Month	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.26 - Online FAC number of analysers	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.27 - Online FAC check grab samples	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3 Microbiological Monitoring Rules	Varies	Varies	**100%**	**100%**	**100%**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
D3.28 - Written Sampling Plan	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.29 - Microbiological Sampling Frequency	Monitoring	1 Month	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.30 - Sampling points microbiological	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
D3.31 - Microbiological Sampling SOPs	Assurance	1 Year	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Overall Average DWQARs Compliance			**65%**	**72%**	**73%**	**67%**	**67%**	**86%**	**67%**	**67%**	**67%**	**88%**

Return to DW Compliance Commentary

Appendix B

ADC COMPLIANCE STATUS SUMMARY - FOR RMA ISSUED RESOURCE CONSENTS
Operational Consents*

Consent Number	Activity	Scheme Network	Local Name	Date Granted	Expiry Date	No: of Conditions	Date last monitored by Ecan	Not Operational	Not Monitored	Unable to determine compliance	Compliant	Non-Compliant No Action required	Non-Compliant Action Required	Significant Non-Complaince	Overall Compliance	Reason
Water Supply																
CRC002108	Take & use groundwater	Methven Springfield	Methven Springfield Intake	30/01/2006	30/01/2041	9	11/09/2018	0	5	0	4	0	0	0		
CRC011923	Take & use groundwater	Methven	Methven Intake	08/08/2002	08/08/2037	6	19/10/2017	0	4	0	1	1	0	0		Take limit exceedance.
CRC022026	Take & use groundwater	Mt Somers	Mt Somers Intake	05/07/2022	15/07/2037	5	03/02/2021	0	3	0	2	0	0	0		
CRC041517	Take & use groundwater	Hinds	Hinds Bore	18/02/2004	18/02/2039	9	11/09/2018	0	5	0	4	0	0	0		
CRC050225.1	Take & use groundwater	Ashburton	Ashburton Bores	30/05/2011	26/11/2039	10	13/09/2017	0	6	0	4	0	0	0		
CRC051262.1	Take & use groundwater	Ashburton	Tinwald Bore	13/10/2011	26/11/2039	11	13/08/2019	0	9	2	0	0	0	0		
CRC052628	Take & use surface water	Montalto	Montalto Intakes	04/08/2010	04/08/2045	11	11/09/2018	0	9	0	2	0	0	0		
CRC120547	Take & use groundwater	Mayfield	Mayfield Bore	17/10/2011	17/05/2045	11	03/02/2021	0	8	0	3	0	0	0		
CRC164142	Take & use groundwater	Lake Hood	Lake Hood Bore	26/11/2015	18/03/2037	6	NM									
CRC170019	Take & use groundwater	Dromore	Dromore Bore	29/07/2016	29/07/2051	15	13/08/2019	0	13	2	0	0	0	0		
CRC231924	Discharge contaminant to land	Methven	Methven WTP	15/03/2023	24/03/2058	22	23/04/2025	3	2	0	17	0	0	0		
CRC231934	Discharge contaminant to land	Mt Somers	Mt Somers WTP	14/03/2023	14/03/2058	23	NM									
CRC244450	Take & use groundwater	Rakaia	Rakaia Bores	29/04/2009	29/04/2044	12	NM									
CRC244645	Discharge contaminant to land	Various	Water Treatment Plants	31/07/2024	31/07/2059	17	NM									
CRC980747.1	Take & use groundwater	Fairton	Fairton Bore	15/03/2010	03/12/2032	4	03/02/2021	0	2	0	2	0	0	0		
CRC991485	Take & use groundwater	Hakatere	Hakatere Bore	07/04/1999	07/04/2034	6	13/09/2018	0	4	2	0	0	0	0		
CRC991612	Take & use groundwater	Chertsey	Chertsey Bore	04/03/1999	04/03/2034	5	03/02/2021	0	3	0	2	0	0	0		
Waste water																
CRC030474	Discharge contaminant to land	Ashburton	Wilkins Rd WWTP	04/06/2004	03/06/2039	10	11/04/2025	1	0	0	9	0	0	0		
CRC030999.1	Discharge contaminant to land	Ashburton	Ocean Farm	05/09/2012	13/06/2039	31	28/04/2025	2	0	1	20	1	6	1		Nitrogen loading rates exceeded signi
CRC031000.1	Discharge contaminantto land	Ashburton	Ocean Farm	05/09/2012	13/06/2039	16	11/03/2025	2	0	2	11	0	1	0		Overflow limit exceedance.
CRC031001.1	Discharge contaminant to land	Ashburton	Ocean Farm	18/10/2004	03/06/2039	5	12/03/2025	2	0	1	2	0	0	0		
CRC031002	Discharge contaminant to land	Ashburton	Wilkins Rd WWTP	04/06/2004	03/06/2039	4	21/03/2025	1	0	0	3	0	0	0		
CRC031003	Discharge contaminant to air	Ashburton	Wilkins Rd WWTP	04/06/2004	03/06/2039	8	12/03/2025	2	0	0	5	1	0	0		Odour complaint not actioned.
CRC031005	Divert Surface Water	Ashburton	Ocean Farm	04/06/2004	03/06/2039	6	NM									
CRC031006	Discharge contaminant to water	Ashburton	Ocean Farm	04/06/2004	03/06/2039	6	21/03/2024	2	0	2	2	0	0	0		
CRC031007	Disturb bed of waterway	Ashburton	Ocean Farm	04/06/2004	03/06/2039	12	NM									
CRC031148	Discharge contaminant to air	Ashburton	Ocean Farm	18/10/2004	03/06/2039	11	23/04/2025	2	0	0	9	0	0	0		
CRC093639	Discharge contaminant to land	Ashburton	Ocean Farm	05/09/2012	03/06/2039	14	23/09/2024	5	0	0	9	0	0	0		
CRC200198	Take groundwater	Ashburton	Ocean Farm	10/10/2019	03/06/2039	17	03/02/2021	0	14	0	3	0	0	0		
CRC244473	Discharge contaminant to air	Rakaia	Rakaia WWTP Sludge beds	29/07/2024	29/07/2029	9	09/04/2025	4	0	0	5	0	0	0		
CRC244933	To use land for a community wastewater treatment system	Rakaia	Rakaia WWTP	29/07/2024	29/07/2029	9	NM									
CRC980563	Take Groundwater	Rakaia	Rakaia WWTP	28/11/1997	26/11/2032	4	03/02/2021	0	2	0	2	0	0	0		
CRC980564.1	Discharge contaminant to land	Rakaia	Rakaia WWTP	15/02/2012	11/03/2033	27	13/01/2025	0	19	2	5	0	1	0		New management plan req'd.
CRC980565	Discharge contaminant to air	Rakaia	Rakaia WWTP	11/03/1998	23/03/2033	6	01/12/2023	1	1	0	3	1	0	0		
CRC991241	Discharge contaminant to land	Methven	Methven WWTP	08/07/1999	08/07/2034	15	18/03/2025	2	3	0	7	2	0	0		Exceeding effluent discharge limit

Appendix B (Continued)

ADC COMPLIANCE STATUS SUMMARY - FOR RMA ISSUED RESOURCE CONSENTS
Operational Consents*

Consent Number	Activity	Scheme Network	Local Name	Date Granted	Expiry Date	No: of Conditions	Date last monitored by Ecan	Not Operational	Not Monitored	Unable to determine compliance	Compliant	Non-Compliant No Action required	Non-Compliant Action Required	Significant Non-Complaince	Overall Compliance	Reason
Storm water																
CRC020158.1	Disturb bed of waterway	Mill Creek	Mill Creek	07/10/2011	30/11/2026	17	NM									
CRC051734.1	Discharge contaminant to land	Methven	Wayne Place, Methven	20/06/2005	17/06/2040	8	NM									
CRC103734	Disturb bed of waterway	Ashburton	Dobson Str West	29/11/2010	29/11/2045	20	NM									
CRC120550	Discharge contaminant to water	Mill Creek	Mill Creek	07/10/2011	20/11/2036	6	NM									
CRC120552	Divert & take Surface water	Mill Creek	Mill Creek	07/10/2011	20/11/2036	7	NM									
CRC143888	Discharge contaminant to land	Ashburton	Wollen Mills Drive	14/11/2013	20/01/2044	7	NM									
CRC186263	To discharge stormwater to land & water from existing & future	Ashburton	Ashburton network wide cc	17/06/2019	17/06/2044	43	17/06/2024	7	0	13	18	1	4	0		Industrial sites assessment.
CRC213699	To discharge treatment stormwater into water	Ashburton	Charleworth Dr, Hanrahan	16/02/2021	29/04/2046	24	NM									

Notes-:
1. Consent summary only covers consents for the day to day operation of the 3 waters activities. Construction phase consents will be reported by exception through the relevant capital project reporting.
2. Rows shaded in blue indicate new CMR received since last Water Cmte report.

Return to RMA Consents Compliance Commentary

Appendix C

Ashburton District Council
Water Committee Financials

Income & Expenditure Report to: Period Ending 31 May

OPERATING INCOME

25GLFOR1 25GLFOR1 92%

Description	CC	Nat Acc	YTD Actual	YTD Budget	YTD Variance	% of YTD Budget	FY Budget	FY Variance	% of FY Budget
Drinking Water	#	#	$ 8,246,464	$ 7,896,386	$ 350,078	104%	$ 8,579,494	$ (333,030)	96%
Wastewater	#	#	$ 6,610,560	$ 6,511,095	$ 99,465	102%	$ 7,103,013	$ (492,453)	93%
Stormwater	#	#	$ 1,410,306	$ 1,377,027	$ 66,559	102%	$ 1,502,211	$ (91,905)	94%

OPERATING EXPENDITURE

Description	CC	Nat Acc	YTD Actual	YTD Budget	YTD Variance	% of YTD Budget	FY Budget	FY Variance	% of FY Budget
Drinking Water	#	#	$ 7,279,651	$ 7,426,154	$ (146,503)	98%	$ 8,093,850	$ (814,199)	90%
Wastewater	#	#	$ 5,851,948	$ 6,062,628	$ (210,680)	97%	$ 6,604,776	$ (752,828)	89%
Stormwater	#	#	$ 1,240,593	$ 1,620,393	$ (379,800)	77%	$ 1,743,934	$ (503,341)	71%

CAPITAL INCOME

Description	CC	Nat Acc	YTD Actual	YTD Budget	YTD Variance	% of YTD Budget	FY Budget	FY Variance	% of FY Budget
Drinking Water	#	#	$ 0	$ 13,550,723	$ (13,550,723)	0%	$ 14,446,879	$ (14,446,879)	0%
Wastewater	#	#	$ 0	$ 5,149,990	$ (5,149,990)	0%	$ 5,618,171	$ (5,618,171)	0%
Stormwater	#	#	$ 0	$ 135,698	$ (135,698)	0%	$ 135,698	$ (135,698)	0%

CAPITAL EXPENDITURE

Description	CC	Nat Acc	YTD Actual	YTD Budget	YTD Variance	% of YTD Budget	FY Budget	FY Variance	% of FY Budget
Drinking Water	#	#	$ 4,940,229	$ 14,799,063	$ (9,858,833)	33%	$ 15,808,704	$ (10,868,475)	31%
Wastewater	#	#	$ 3,828,372	$ 6,872,949	$ (3,044,577)	56%	$ 7,497,762	$ (3,669,390)	51%
Stormwater	#	#	$ 0	$ 135,698	$ (135,698)	0%	$ 135,698	$ (135,698)	0%

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Appendix D

Ocean Farm Wastewater Treatment Plant Action Plan – 13 May 2025

Consent CRC030999.1					
Condition	**Content**	**Reason/s for non-compliance/s CMR - April 2025**	**Comments /Proposed Actions**	**Target Timeframe**	**Progress and updates**
4.	The consent holder shall, as far as practicable, operate the facilities and treatment plant in accordance with the report titled "Ashburton District Council Wastewater Treatment and Disposal: Scheme Summary", dated 3 April 2009, attached to, and forming part of this consent.	Updates not provided regarding the wetland renovation project.	**Wetland** There was an undertaking in a previous Action Plan to design and install appropriate intercell connections within the wetland. The connections were to be constructed with appropriate flow control. The draft design of the connections was developed but proved to be difficult to implement at each site due to access constraints. This issue resulted in a reconsideration of the original action. Given that it has been demonstrated through test results that the wetland is impacting detrimentally on treated effluent quality (due to the bird population) Council is intending to explore potentially bypassing the wetland partially or fully depending on the need for buffering storage. It is anticipated that some buffering storage will still be required to ensure the overflow weir & channel only operates for inflows >30,000m3/day.		
			• Develop a hydraulic model of the wetland including the inflow channel, outflow channel and storage pond. [$20,000].	30/09/25	
			• Run model scenarios to evaluate the impact of either fully or partially bypassing the wetland, to determine how much if any buffering is required within the existing wetland. [$5,000].	31/10/25	
			• Engage with Arowhenua (via AECL) to understand their views on any potential changes to the wetland. [BAU].	30/11/25	
			• Investigate (and discuss with Environment Canterbury) consenting implications of any potential / proposed changes to the functioning of the wetland. [$10,000].	30/11/25	
			• Prepare business case for consideration as part of 2026/27 Draft Annual Plan. [BAU].	31/12/25	
			• Subject to Council project approval, implement identified solution. [TBC].	30/06/27	
		Confirm if community liaison committee has been set up according to scheme report.	**Community Liaison Group** This group was never established. Given the intention of the group was to provide a "local voice" during the initial development of the site, the merits of establishing such a group at this time are somewhat questionable. There are therefore no plans to do so. The community's interest are represented through our recently formed water committee. We also have regular hui with Arowhenua.		
			• No action required.	N/A	

Consent CRC030999.1					
6.	(i) The consent holder shall take a representative sample of the wastewater from the influent pipeline from Ashburton and Tinwald, and from the outflow from the land disposal site wastewater treatment plant at least once per month. (ii) All samples taken in accordance with (i) shall be analysed for the following: A. Every month, the samples shall be analysed for: (a) pH (b) Temperature (c) Dissolved oxygen at 9 am (d) Five-day biochemical oxygen demand (e) Filtered five-day biochemical oxygen demand (f) Total suspended solids (g) Ammoniacal nitrogen (h) Nitrate nitrogen (i) Total Kjeldahl nitrogen (j) Dissolved reactive phosphorus (k) Total phosphorus (l) Faecal coliforms (m) Escherichia coli (n) Turbidity B. Every six months, the samples shall be analysed for: (a) Arsenic (b) Cadmium (c) Chromium (d) Copper (e) Mercury (f) Lead (g) Nickel (h) Zinc C. Every year, the sample shall be analysed for: (a) Organochlorine pesticides (OCP) (b) Polychlorinated biphenyls (PCBs) (c) Polycyclic aromatic hydrocarbons (PAHs) (d) Campylobacter jejuni (e) Salmonella spp (f) Enteroviruses (g) Giardia Lamblia (h) Cryptosporidium parvum	Some sampling test results missing from the 2023-24 Annual Report.	The majority* of this data is made available to Ecan in monthly reports, but due to a minor technical error not all results were sent from WaterOutlook to the reporting tables in the annual report – more care will be taken to ensure all data is set out in the annual report. *Only 2 parameters were not tested in Jan 24 due to an error at the lab.		
			• The requested data will be resent.	07/05/25	Action completed 07/05/2025.
			• Make adjustments to WaterOutlook reporting to ensure annual report tables are complete. [BAU].	30/09/25	
		Condition 6(b) specifies the testing must be conducted every six months.	Council testing programme was January & June, giving a 5mths/7mths cycle. Historically, we had issues with July compliance testing as it typically coincides with new laboratory services contracts and there can be issues with new labs at the start of new engagements. We note the January / June cycle (5mths/7mths) has been accepted in response, and we appreciate the latitude provided by Environment Canterbury. However, on further reflection we have decided to reorient the programme to bring it into alignment with the consent.		
			• The six-monthly testing shall be resumed in alignment with consent requirements (i.e. Jan & July each year). [BAU].	31/07/2025	
7.	(a) Based on monthly samples of the outflow from the land disposal site wastewater treatment plant, taken over the 12-month period specified in condition (29), not more than eight values shall exceed a faecal coliform standard of 200cfu/100ml. (b) In the event that eight values exceed the standard set out in (8a), the consent holder shall record and report to the Canterbury Regional Council within 20 working days of the receipt of the analyses: (i) The extent and most likely cause of the eight exceedances; and (ii) Any remedial action undertaken by the consent holder to ensure that no further exceedances of the faecal coliform standard of 200cfu/100ml occur within the remainder of the 12-month annual reporting period. For the purposes of clarification of Condition (8b), eight monthly values exceeding the standard set out in Condition (8a) shall not constitute a breach of this condition, but nine or more such exceedances will constitute a breach of this condition	Exceeded limit of "not more than 8 values exceeding a faecal coliform standard of 200cfu/100ml."	See Condition 8.		

Consent CRC030999.1					
8.	(a) Based on monthly samples of the outflow from the land disposal site wastewater treatment plant, taken over 12-month reporting period specified in Condition (29), not more than three values shall exceed a faecal coliform standard of 1000 cfu/100 ml. (b) In the event that three values exceed the standard set out in Condition (9a), the consent holder shall record and report to the Canterbury Regional Council within 20 working days of the receipting of the analyses. (i) The extent and most likely case of the third exceedance; and (ii) Any remedial action undertaken by the consent holder to ensure that no further exceedances of the faecal coliform standard of 1000cfu/100ml occur within the remainder of the 12-month annual reporting period. For the purposes of clarification of Condition (9b), three monthly values exceeding the standard set out in Condition (9a) shall not constitute a breach of this Condition, but four or more such exceedances will constitute a breach of this Condition.	Exceeded limit of "not more than 3 values exceeding a faecal coliform standard of 1000cfu/100ml"	This is an ongoing issue and in response to previous exceedances, faecal source tracking had been undertaken on samples taken in March & April 2022 above the wetland (midflow) and below the wetland (outflow). The ESR report notes: *"The overall conclusion from these results is that the elevated E. coli levels detected in the outflow samples is most likely attributed to wildfowl faecal inputs"*. Environment Canterbury has received this report. ADC will look into setting up another investigation into faecal source tracking. Should the results again indicate that the exceedances are likely attributed to wildfowl then ADC may consider a consent variation.		
			• Conduct a further round of faecal source tracking (FST) and evaluate results. [$10,000].	30/09/2025	
			• If another round of FST demonstrates an avian source for the exceedances, officers will identify the advantages, disadvantages and risks associated with a consent variation to seek relief from this ongoing issue. [$5,000].	31/10/2025	
			• Investigate (and discuss with Environment Canterbury) consenting implications of any potential / proposed changes to the functioning of the wetland. [See Condion 4].	30/11/2025	
			• Present findings of the above actions to Water Committee for decision on progressing a consent variation or other mitigations. [BAU].	31/12/2025	
18.	No ponding of wastewater for periods of more than 24 hours duration shall occur as a result of wastewater irrigation. Nor shall any effluent be applied to areas where there is surface ponding.	Unable to determine compliance.	It is noted that no areas of ponding were identified by compliance officers during the compliance visit. The issue of ponding is relatively localised and mostly infrequent. It has been assessed as due to natural compaction of the soil matrix over the years since the pasture was first established. We propose to undertake subsoil ripping of selected areas of the pasture. Best practice dictates that this be carried out in the summer months.		
			• Establish with ACL a monitoring schedule to identify if, and where, ponding is occurring, and to record this information electronically. [$5,000].	30/06/2025	
			• Trial subsoil ripping of areas identified prone to ponding (as necessary). [TBC].	31/03/2026	
			• If subsoil ripping trial is unsuccessful, ADC will consider localised re-seeding pasture at identified sites. [TBC].	30/06/2026	
19.	The wastewater shall be discharged in such a manner that the total annual loading is spread as evenly as is practicably achievable over the irrigated areas	No evidence that discharge is spread evenly over the irrigated areas.	This is one of the active investigations around potential improvements to the existing solid set popup sprinkler system at Ocean Farm. Following previous concerns, an issues and option investigation was undertaken using Beca consultants. This work indicated a significant cost		

Consent CRC030999.1					
			to upgrade the existing system. The results of this work were workshopped with Council at a workshop on 14 August 2024. At conclusion of the workshop, officers promoted a proposal to develop a wastewater strategy. In response Council did not agree to the strategy and requested officers to work with additional irrigation companies to ensure all options were being considered. These proposals have been received and evaluated and reported back to Council. Officers reiterated the desire to develop an overall wastewater strategy for the district before embarking on an isolated upgrade of the irrigation system. Council has agreed to officers progressing a wastewater strategy but asked for more information on the additional irrigation proposals as well.		
			• Report findings on the additional irrigation proposals back to Council. [BAU]	30/06/2025	
			• Prepare a design brief covering the development of a wastewater strategy for the Ashburton District. This is proposed to be progressed through an RFP process. [$5,000]	30/08/2025	
			• Develop a wastewater strategy for the Ashburton District. [$200,000].	31/12/2026	
20.	The nitrogen loading rates of the wastewater shall not exceed 305 kilograms N/ha/year	Nitrogen loading rates have consistently exceeded the limit.	The question around the nitrate loading has been a long standing one and officers hold concerns that the current levels reported may be overstating what is actually occurring. We would expect if we were exceeding the nitrogen loading to the level currently reported, some effects would be reflected in the groundwater monitoring at the site. On cursory inspection, this does not appear to be the case. We believe that increasing the sampling of nitrogen parameters would give us a better picture of nitrogen levels across the year. At present we are sampling during routine base flow conditions which will be yielding a higher concentration of nitrate than when the routine base flows are increased by receiving additional stormwater/groundwater during high rainfall events. These higher flows can extend for many days. We are also mindful of the impact of the changes made at the Wilkins Rd ponds in relation to aeration. This is a significant positive change to the appearance and performance of the ponds, but we are aware that excessive aeration could be disrupting the normal pond denitrification process. It is proposed to optimise the aeration to ensure that we are only applying aeration when there is a need to do so. This optimisation is expected to be an iterative process over a number of months.		
			• Implement weekly sampling of nitrogen parameters. [2,500/annum].	30/05/2025	

Consent CRC030999.1					
			• Investigate and consider the deployment of a continuous nitrate probe. [$1,000].	30/06/2025	
			• Subject to feasibility, install and commission a continuous nitrate probe on the outflow channel. [$35,000].	30/09/2025	
			• Optimise aeration at Pond 1 & 2 at Wilkins Rd. [$20,000].	31/12/2025	
25.	The consent holder shall maintain a detailed record of wastewater disposal, including the following: (a) Daily volume of wastewater discharged, (b) Date, time, and location of each application of wastewater, (c) The depth of each application of wastewater, (d) The total nitrogen applied during each application of wastewater, and (e) The total nitrogen applied to the irrigated areas annually.	Long term solution for irrigation system required to ensure more accurate data and calculations.	This issue was proposed to be resolved as part of any significant upgrade of the irrigations system. (Refer comments under condition 19). However, with the anticipated delay to embarking on significant upgrading of the irrigation system in favour of developing a wastewater strategy for the Ashburton District, it is considered appropriate to endeavour to make improvements in this area. We are proposing to install flow meters on each of the 15 irrigation areas at Ocean Farm. We are still working through the detail of this upgrade but will share the results of this work once the meters are installed and commissioned.		
			• Install flow meters on each zone (15). [$250,000].	31/03/26	

Consent CRC031000.1					
Condition	**Content**	**Reason/s for non-compliance/s** **CMR - October 2024** **CMR - March 2025**	**Comments /Proposed Actions**	**Target Timeframe**	**Progress and updates**
3.	The daily volume of wastewater discharging via the outflow bypass structure into the constructed swale under this consent shall not exceed 18,000 cubic metres per day.	Periodic exceedances of limit have occurred in each of the last three years.	This matter is under active investigation and is considered to be a symptom of the wider wetland issues and likely addressed through those actions listed under CRC030999.1 condition 4 of this action plan. The issue pertains to the flow buffering potential inherent in the wetland. We do note that if buffering is currently reduced by the state of the wetland, and as a consequence an overflow is required, the preferred overflow point is the overflow bypass swale rather than the storage pond overflow swale. We are concerned that the resolution of the weir flow measurement equipment may be such that the recorded flows are overstating what is actually occurring during these events. ADC will either modify the level sensor output to have higher precision (or replace it with one that does) and get the calculation done in near real-time so we're able to see the overflow volumes as they happen. As an additional measure, we are proposing to install camera to capture and document any overflows so we can see when it starts and stops and correlate that with the level sensor information.		

Consent CRC031000.1					
			• Upgrade the labyrinth weir level measurement equipment to provide increased resolution on water level height and flow calculation. [$10,000].	31/07/2025	
			• Install a suitable remote camera directed at the overflow weir and channel. [$10,000].	31/07/2025	
			• Install and commission appropriate flow measurement equipment at end of transfer pipeline (top of wetland). [$20,000].	31/07/2025	

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Three Waters Committee
Terms of Reference

Purpose

The purpose of the Three Waters Committee is to provide oversight of the district's drinking water, wastewater and stormwater infrastructure programme and services in a manner that promotes the current and future interests of the community (Local Government Act 2002).

Membership

Membership of the Committee comprises:

- Cr Russell Ellis (Chair)
- Cr Liz McMillan (Deputy Chair)
- Cr Phill Hooper
- Cr Lynette Lovett
- Cr Tony Todd
- The Mayor, Neil Brown (ex-officio)

The quorum is four members.

Meeting Frequency

The Three Waters Committee will meet on a six (6) weekly cycle, or more frequently on an as-required basis as determined by the Chair and Group Manager Infrastructure Services.

Committee members shall be given not less than 5 working days' notice of meetings.

Delegations

The Three Waters Committee has no delegated authority to make decisions. Its role is to consider and review matters of work programme, compliance, service delivery and forward planning in its sphere of Council business, and (if appropriate) to make recommendations to full Council.

Sphere of business

- Drinking Water supplies
- Stormwater network
- Wastewater – reticulation and disposal (including trade waste and septage disposal)

Reporting

The Three Waters Committee will report to the Council.

Adopted by Council

16/10/24