

Agenda for a meeting of the Waters Governance Board to be held at **Matahuru Marae, 19 Johnson Road, Waikato** on **TUESDAY, 30 AUGUST 2022** commencing at **9.00am**.

1. APOLOGIES AND LEAVE OF ABSENCE

2. CONFIRMATION OF STATUS OF AGENDA

3. DISCLOSURES OF INTEREST

The register of interests is no longer included on agendas, however members still have a duty to disclose any interests under this item.

4. CONFIRMATION OF MINUTES

Meeting held on Tuesday, 19 July 2022 10

5. ACTIONS

6. REPORTS

- | | | |
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| 6.1 | Te Kauwhata Wastewater Treatment Plant Update | <i>Verbal</i> |
| 6.2 | Three Waters Reform Project Update | 26 |
| 6.3 | 2021/2022 Long Term Plan Performance Results & Service Summaries | 30 |
| 6.4 | Three Waters Governance Report August 2022 | 38 |
| 6.5 | <i>Resource Consent Compliance Quarterly Update</i> | SA |
| | <i>This item was unavailable at the agenda closing and will be circulated as a supplementary agenda</i> | |

7. EXCLUSION OF THE PUBLIC

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GJ Ion
CHIEF EXECUTIVE

TERMS OF REFERENCE AND DELEGATION

Reports to:	The Council
Chairperson:	Ms Rukumoana Schaafhausen
Membership:	Mr Garth Dibley Mr David Wright Mr Gavin Ion (Chief Executive) Ms Jackie Colliar (Board Intern)
Meeting frequency:	Monthly
Quorum:	A majority of members (excluding the Board Intern)

The Waters Governance Board is a subordinate decision-making body of the Waikato District Council established under Schedule 7 of the Local Government Act 2002.

Purpose and Terms of Reference:

1. To provide governance and oversight of the development and implementation of the Council contract with Watercare Services Limited ('Watercare').
 2. To ensure the activity goals are clearly established, and strategies are in place for achieving them.
 3. To establish policies for strengthening the performance of the water activity including ensuring management and the contractor are proactively seeking to build the business through innovation, initiative, technology, new products and the development of its business capital.
 4. To monitor the performance of management through the Chief Executive.
 5. To ensure high standards of health & safety are maintained by management and Watercare and undertaking appropriate due diligence.
 6. To decide on whatever steps are necessary to protect the Council's financial position and the ability to meet its debts and other obligations when they fall due, and ensuring that such steps are taken.
 7. To ensure the water activity's financial statements are true and fair and otherwise conform to law.
 8. To ensure the water activity adheres to high standards of ethics and corporate behavior.
 9. To ensure the water activity has appropriate risk management/regulatory compliance policies in place.
 10. To look to improve environmental outcomes from this activity.
 11. To consider kaitiakitanga as part of decision-making.
 12. To monitor and ensure Watercare are meeting their obligations.
 13. To report to Council twice yearly on progress with Waters' Management.
 14. To provide innovation and ideas that could improve profitability, service levels or environmental outcomes.
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15. To hold Watercare to account over the delivery of the operational and capital programmes.
16. To work with Council to agree the overall funding requirements of the business.
17. To undertake any other matters considered relevant by the Board or referred to the Board by the Council.

The Board is delegated the following powers to act:

- Agree the form of the transactional arrangement with Watercare.
- Negotiate with Watercare and recommend to Council the final, or any amended, contract value for waters management.
- Conclude the contract (after Council approval of contract value) and terms and conditions, including any amendments, with Watercare.
- Ensure that transitional contract requirements are met by Watercare and Council.
- Hold Watercare to account for their performance at all levels.
- Monitor and oversee the performance of staff and Watercare in terms of the water activity.
- Consider and ensure improvements or innovation are implemented by Watercare or through the Chief Executive as appropriate.
- Approve changes to the operation of the contract with Watercare.
- Develop strategies to improve contractual performance or to improve business practices.
- Recommend to Council infrastructure strategy and Asset Management Plans for adoption.
- Develop an annual works programme (operating and capital) and submit to council for final approval.
- Approve alterations and transfers within the programme of capital and operational works as prepared for the Long Term Plan and Annual Plan, subject to the overall scope of the programme remaining unchanged and the programme remaining within overall budget.
- Set and ensure Watercare's adherence to health and safety requirements, and wellbeing practices.
- Set and maintain standards of ethics and corporate behavior.
- Consider development opportunities for the Waters' business.
- Define and set levels of service for Waters' management now and in the future.
- Responsible for the financial performance of the contract and operation.
- Approve and/or amend existing or new contracts relating to the delivery of three waters' services and operation unless additional funding by the Council is required or the approval or amendment is inconsistent with Council Policy.
- Recommend to Council any new or additional funding requirements over and above that contained within the Long Term Plan.
- Develop plans to improve the overall resilience of the Waters' networks and allow for growth.

- Consider the impact of growth on the Waters' infrastructure.
- Implement and monitor the risk management framework for the waters' management and activity.
- Approve the annual and half yearly financial statements for the Waters' operation and provide any relevant commentary to the Council.
- Annually review the Board composition, structure and succession and make recommendations to council on these matters.
- Ensure the Waters' business delivered by Watercare provides value for the community in terms of the four wellbeings.
- Determine the approach for resource consent applications for the Waters' business, and monitor progress of those applications on behalf of the Council.
- Review and monitor existing strategic resource consents.
- Ensure that Kaitiakitanga and environmental outcomes are key decision making considerations for the Board.
- Uphold the vision and strategy of the Waikato-Tainui Raupatu Claims (Waikato River) Settlement Act 2010.

To	Waters Governance Board
Report title	Register of Interests
Date:	Tuesday, 30 August 2022
Report Author:	Elizabeth Saunders – Democracy Advisor
Authorised by:	Gaylene Kanawa – Democracy Manager

1. Executive summary

Whakaraapopotanga matua

A copy of the Register of Interests is attached for the Board's information. The register will be updated following receipt of information during the year.

2. Staff recommendations

Tuutohu-aa-kaimahi

THAT the Waters Governance Board receives the Register of Interests.

3. Attachments

Ngaa taapirihanga

Register of Interests – Water Governance Board

Register of Interests – Waters Governance Board

Ruku Schaafhausen

Companies and Trusts	Te Waharoa Investments Ltd AgResearch Miro Hautupua Ltd Contact Energy Ltd Kaitaki Guardian Services Ltd
Community organisations	Equippers Trust Tindall Foundation Princes Trust New Zealand
Other appointments	Chair, Freshwater Iwi Leaders Group Board Member, Three Waters Establishment Board
Property within the District	Nil
Any other interests	Nil

Garth Dibley

Companies and Trusts	Water New Zealand – Director
Community organisations (membership)	Electricity Networks Association – member E-Charge working group – MfE member
Other appointments	Director of Smartco Infratec NZ Ltd – Chairperson
Property within the District	Yes - Tamahere
Any other interests	Nil

David Wright

Companies and Trusts	Director, David Wright Limited Trustee, Tervuren Trust Trustee, Solomon Islands Tourism Infrastructure Development Fund (Incorporated) Chair of Waimea Water Ltd Chair, Solomon Islands Airport Corporation Limited Haapa Research Limited Chair, Unrealised Potential
Community organisations	Chair, Tokelau Renewable Energy Steering Group
Other appointments	Chair, Central Air Ambulance Rescue Limited Chair, Search and Rescue Services Limited
Property within the District	Nil
Any other interests	Nil

Gavin Ion

Companies and Trusts	Trustee and Beneficiary in a family trust
Community organisations	<p>Member Swimming Waikato Technical Panel</p> <p>Member Swimming New Zealand Technical Advisory Committee</p> <p>Chairperson Swimming Waikato</p> <p>Member of the Waikato Regional Sports Facility Plan Steering Group</p> <p>Member of Institute of Directors</p> <p>Member of International City Managers' Association</p> <p>Member of Chartered Accountants of Australia and New Zealand</p> <p>Member of Business Leaders Health & Safety Forum Steering Group</p> <p>RMA Commissioner</p> <p>Member of the Waikato Regional Leadership Group</p>
Other appointments	<p>Chief Executive, Waikato District Council</p> <p>Director, Waikato Local Authority Shared Services Limited</p> <p>Chair, Audit & Risk Committee (WLASS)</p>
Property within the District	Nil
Any other interests	Nil

Jackie Colliar

Companies and Trusts	Te Whakakitenga O Waikato Inc Member of Te Arataura
Community organisations	Nil
Other appointments	Trustee and Chair of Taniwha Marae Trustee (Taniwha Marae Representative) – Nga Muke Development Trust Waipa District Council – Co-Governance Committee Waikato Regional Council – Co-Governance Committee Waikato River Authority Board Member Director – WEL Networks
Property within the District	Nil
Any other interests	Employee of Hamilton City Council Project Lead for the Subregional Three Waters project on behalf of Future Proof Project Manager of the Hamilton Waikato Metro Wastewater Detailed Business Case Project

To	Waters Governance Board
Report title	Confirmation of Minutes
Date:	Tuesday, 1 February 2022
Report Author:	Elizabeth Saunders – Democracy Advisor
Authorised by:	Gaylene Kanawa – Democracy Manager

1. Purpose of the report

Te Take moo te puurongo

To confirm the minutes for a meeting of the Waters Governance Board (WGB) held on Tuesday, 19 July 2022.

2. Staff recommendations

Tuutohu-aa-kaimahi

THAT the minutes for a meeting of the Waters Governance Board held on Tuesday, 19 July 2022 be confirmed as a true and correct record.

3. Attachments

Ngaa taapirihanga

Attachment 1 – WGB Minutes – Tuesday, 19 July 2022.

MINUTES for a meeting of the Waters Governance Board Meeting of the Waikato District Council held via Audio Visual Conference on **TUESDAY, 19 JULY 2022** commencing at **10.04am**.

Present:

Mr D Wright (Chair) *via Audio Visual Conference*
Ms R Schaafhausen *via Audio Visual Conference*
Mr G Dibley *via Audio Visual Conference*
Mr GJ Ion (Chief Executive, Waikato District Council)
Ms J Colliar (Intern) *via Audio Visual Conference (from 11:00am)*

Attending:

Ms C Nutt (Waters Contract Relationship Manager)
Mr K Martin (Waters Manager)
Mr D Sharma (Three Waters Reform Project Manager)
Ms Z Al-Khaleefa (Three Waters Contract Engineer)

Mr M Horsfield (Acting Democracy Advisor)

Mr M Telfer (Watercare)
Mr M Bourne (Watercare)

APOLOGIES AND LEAVE OF ABSENCE

Resolved: (Mr Wright/Mr Ion)

THAT apologies from Mr Dibley for non-attendance and Ms Colliar for lateness be received.

CARRIED

WGB2207/01

CONFIRMATION OF STATUS OF AGENDA ITEMS

Resolved: (Mr Wright/Mr Ion)

THAT the agenda for a meeting of the Waters Governance Board Meeting held on Tuesday, 19 July 2022:

- a. be confirmed and all items therein be considered in open meeting, with the exception of those items detailed at Agenda item 7, which shall be discussed with the public excluded;
- b. all reports be received;
- c. Board resolves that the following items be added to the agenda as a matter of urgency, as advised by the Chairperson/Chief Executive: Water Submissions Services Entity Bill during the open meeting.

CARRIED

WGB2207/02

DISCLOSURES OF INTEREST

Ms Schaafhausen noted that she was a member of the Three Waters National Transition Unit.

CONFIRMATION OF MINUTES

Resolved: (Mr Ion/Ms Schaafhausen)

THAT the minutes for a meeting of the Waters Governance Board Meeting held on Tuesday, 7 June 2022 be confirmed as a true and correct record.

CARRIED

WGB2207/03

REPORTS

Actions Register
Agenda Item 5

The Waters Contract Relationship Manager noted the following matters:

- Huntly Wastewater Treatment Plant – Council and Watercare have started the work on the report regarding the plant upgrade.
- Board meeting with Nga Muka – A site visit was planned for 10th August 2022 with the Te Kauwhata wastewater consultation group. Representatives from Nga Muka will meet with the Water Governance Board after the next Board meeting in August.
- Port Waikato and Onewhero Options Assessment was due in September 2022. Feedback from Te Akau South Community Group was received highlighting costs, with additional historical information dating back to the Franklin District Council.

ACTION: Information to be circulated to the Board regarding those to be in attendance for the site visit and the separate meeting with Nga Muka.

Resolved: (Ms Wright/Mr Ion)

THAT the Actions Register be received.

CARRIED

WGB2207/04

Three Waters Governance Report – June 2022

Agenda Item 6.1

Mr Telfer noted the following matters:

- All performance measures were met in June. There had been one compliance issue due to a sensor failure at Raglan.
- There was a break-in at the Huntly Water Treatment Plant. It was believed that people were attempting to steal equipment to manufacture drugs. Fencing will be improved.
- SCADA implementation was on target to be completed on August 3rd 2022.
- Central District Reservoir Cleaning and assessment had been completed with no issues. Huntly Reservoir will be the next tank to be assessed.
- Backflow testing had progressed well. The number of backflows that need to be fixed is lower than expected.
- Te Kauwhata Wastewater Project – the first slab was poured in June, with the second slab completed last week.
- Water Meter Installation – Waikato District Council (WDC) will be taking action against seven (7) properties. Council had been unable to contact the property owners. Council will be undertaking a public notice, which may result in a public hearing if they object further.
- Recent Heavy Rainfall – the increased rainfall caused issues at the Ngaruawahia and Huntly Treatment Plants. In Raglan, there was a wastewater discharge to the harbour on the outgoing tide, which had resulted in testing to assess the impact of the event.

At the Huntly Wastewater Treatment Plant (WWTP) there had been enormous flows with the river impacting the network, with river water entering the plant which required pumping. Council and Watercare kept in contact with Waikato Regional Council regarding the problems associated with the weather event. At the peak of the storm 500 cubic metres was being processed where the plant was designed to handle 250 cubic metres. On a normal day, 2000 cubic metres of wastewater is processed, but the plant was processing 12,000 cubic metres.

Staff did discuss the event with local iwi and the effects on the river, but there was no discussion regarding implementing a rahui. A rahui was discussed with hapuu in Raglan. River levels and flooding will be considered during the development of the Huntly WWTP.

Resolved: (Mr Wright/Ms Schaafhausen)

THAT the Three Waters Governance report be received.

CARRIED

WGB2207/05

Health and Safety Audit - 2022
Agenda Item 6.2

Mr Telfer noted the following matters:

- Watercare engaged IMPAC, who completed the health and safety audit. There were other safety audits undertaken across the year. The outcomes for the areas assessed were very high. Several recommendations had been produced and the report was well received.
- Vehicles – the audit noted that vehicles were not being inspected prior to being used. Watercare did have procedures in place, but they needed to be reinforced.
- Does management accept the findings and what timeframe was set to rectify issues? Management supports the recommendation resulting from the audit, and Watercare was working on processes to resolve the issues highlighted.

ACTION: A brief report to be provided at the next meeting showing the progress being made on the audit's recommendations.

Resolved: (Mr Wright/Mr Ion)

THAT the Waters Governance Board

- a. receives the report;
- b. notes the recommendations in the Impac Services report and requests that staff ensure the implementation of these recommendations with Watercare.

CARRIED

WGB2207/06

Te Kauwhata Wastewater Treatment Plant Upgrade and Recommendations
Agenda Item 6.3

The Waters Manager noted the following matters:

- It was important to continue the strong relationships that had been established. Compliance requirement will be a significant area of focus with investigation underway for the Huntly WWTP upgrade.
- Council was hoping that the full upgrade can be done with the funding we have, however that situation was unlikely. Council will continue to proceed with works. Staff will go back to the Ministry of Housing and Urban Development to discuss further Housing Infrastructure Funding (HIF).
- Funding solutions were available but will need to be released from the LTP.
- Council will ensure that planning and works for the plant can continue under the new Entity B.
- There had been communications from the Chief Executive with Nga Muka regarding historic grievances. Staff were very open to continuing developing the relationship Nga Muka.

Resolved: (Mr Ion/Ms Schaafhausen)

That the Water Governance Board recommends to Council:

- a. **to approve a reduction in the Te Kauwhata Wastewater Treatment Plant design capacity, subject to receiving support for the project scope change from the Ministry of Housing and Urban Development; and**
- b. **to endorse the Te Kauwhata Wastewater Treatment Plant upgrade Option 2, which is the dual lane MABR/MBR, providing recommendation (a) is achieved that Watercare awards the tender to the successful company; and**
- c. **that any budget for this project not spent, along with costs not forecast in 2022/2023, be moved or phased to future budgets.**

CARRIED

WGB2207/07

Pokeno/Tuakau Wastewater Network Upgrade

Agenda Item 6.4

The Waters Manager noted the following matters:

- The report outlines the continuation of work within the funding envelope available. There were several developments waiting for the sewer line along Whangarata and Bollard Road. There were several upgrades in the pipeline but funding falls short. Stages Two (2) and Three (3) be undertaken within the funding envelope.
- The Gravity Trunk Sewer initially only serviced the Whangarata business/industrial area. It will now continue through to Pokeno.
- This was a work in progress and there was further work required for the new engineering review so that we can see what savings can be made. It was difficult to fund the whole programme, so staff need to look at what options are on the table.

Resolved: (Mr Wright/Mr Ion)

That the Waters Governance Board recommends to Council that:

- a. **The following work be approved to proceed:**
 - i. **the upgrade of the Tuakau interceptor wastewater pump station mechanical and electrical capacity;**
 - ii. **resilience improvements;**
 - iii. **constructing a new low gravity trunk sewer from Whangarata Road to Bollard Road;**
 - iv. **increasing the capacity of Market Street pump station in Pokeno; and**
- b. **The upgrades outlined in Stages 3 to 7 are incorporated into the 2024 LTP to ensure that infrastructure delivery is planned to support growth aspirations whilst maintaining levels of service.**

CARRIED

WGB2207/07

Trade Waste and Wastewater Bylaw

Agenda Item 6.5

The Three Waters Contract Engineer provided an update:

- Early Engagement Feedback – Over 120 stakeholders were emailed and the feedback received was helpful. Feedback was included in the proposed bylaw. There was particular interest for views on mortuary waste, as some stakeholders wanted land-based disposal. However, one funeral home was concerned about the costs to do this.

Resolved: (Mr Ion/Ms Schaafhausen)

That the Waters Governance Board:

- receive the report on Trade Waste and Wastewater Bylaw;**
- notes the changes proposed by Council and Watercare staff and feedback from early engagement.**

CARRIED

WGB2207/08

Three Waters Reform Project Update – July 2022

Agenda Item 6.6

The Three Waters Reform Manager noted the following:

It was noted that Ms Schaafhausen was a member of the Three Waters National Transition Unit.

- The Water Services Reform bill will outline service delivery areas and governance. Council was seeking feedback from Councillors and staff at this time to submit on the Bill. For the Asset Management Working Group, nominations had been put forward from Hamilton City Council and Waipa District Council. WDC supported their nominations to reflect the views of the region.
- There had been recognition from Central Government for the work that WDC were undertaking. The Associate Minister of Local Government will announce that \$44 million will be distributed to Councils for transition costs. This amounts to \$800,000 to WDC in quarterly payments.

Resolved: (Mr Wright/Mr Ion)

That the Waters Governance Board:

- a. receive the report.
- b. note that the project management for Three Waters reform is ongoing.

CARRIED

WGB2207/09

Water Services Entity Submission
Agenda Item 6.7

The Chief Executive noted the following:

- There had been approximately 1400 submissions to the Bill.
- Generally WDC was supportive of the need for reform.
- Council was wanting to submit a high-level submission, to tell WDC's story, including the creation of the Waters Governance Board that allows independent decision-making, and the history of the contract with Watercare. It was important that the public had their say on the Bill, and there was concern that the longer the transition period lasts, the more challenging the process will be for all parties. Staff were already being taken from Watercare and Council, which creates problems with the ability to deliver Three Waters services during the transition period.
- The submission will also note that WDC was trying to make long-term decisions with growth, with the metro wastewater projects and the Sleepyhead development. The submission will stress Council's support for co-governance and Te Ture Whaimana and Te Mana O Te Wai.
- There was concern that with an independent board running the new entities, projects may not receive the priority they need.
- It was important that WDC and Watercare had the ability to make decisions after the Bill had received royal assent during the transition period.

EXCLUSION OF THE PUBLIC

Agenda Item 7

Resolved: (Mr Wright/Mr Ion)**THAT** the public be excluded from the following parts of the proceedings of this meeting.**The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:**

General subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 48(1) for the passing of this resolution
Item number PEX 1 Confirmation of Minutes Item PEX 2.1 Actions Register Item PEX 3.1 Waters Financial Results to 31 May 2022 Item PEX 3.2 Three Waters Reform Project Update – July 2022 Item PEX 3.3 Environmental Insurance Item PEX 3.4 Tuakau/Pokeno Wastewater Network Upgrade Cost Escalation Review	Good reason to withhold exists under Section 6 or Section 7 of the Local Government Official Information and Meetings Act 1987	Section 48(1)(a)

This resolution is made in reliance on section 48(1)(a) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by Section 6 or Section 7 of that Act which would be prejudiced by the holding of the whole or relevant part of the proceedings of the meeting in public, as follows:

Item No.	Section	Interest
Item PEX 1 Confirmation of Minutes	7(2)(a)	Refer to the previous Public Excluded reason in the agenda for this meeting.
Item PEX 2 Actions Register	7(2)(a)	Refer to the previous Public Excluded reason in the agenda for this meeting.

Item 3.1 Waters Financial Results to 31 May 2022	7 (2) (b) (ii)	To protect information that would otherwise unreasonably prejudice a person’s commercial position.
	7 (2) (h)	To enable commercial activities to be carried out without prejudice or disadvantage.
Item 3.2 Three Waters Reform Project Update	7 (2) (c) (i)	To protect information that is subject to an obligation of confidence and to ensure the information avenue remains open, when it is in the public interest for it to do so.
Item 3.3 Enviromental Insurance	7 (2) (c) (i)	To protect information that is subject to an obligation of confidence and to ensure the information avenue remains open, when it is in the public interest for it to do so.
Item 3.4 Tuakau/Pokeno Wastewater Network Upgrade Cost Escalation Review	7 (2) (i)	To enable negotiations to carry on without prejudice or disadvantage.
	7 (2) (b) (ii)	To protect information that would otherwise unreasonably prejudice a person’s commercial position.
	7 (2) (J)	To prevent use of the information for improper gain or advantage.

AND THAT Mr Telfer and Mr Bourne be permitted to remain at this meeting, after the public has been excluded, because of their knowledge of Watercare. This knowledge, which will be of assistance in relation to the matter to be discussed, is relevant to that matter because of Watercare’s role and responsibility for those matters.

CARRIED

WGB2207/10

To	Waters Governance Board
Report title	Actions Register
Date:	Tuesday, 30 August 2022
Report Author:	Gavin Ion, Chief Executive

1. Purpose of the report

Te Take moo te puurongo

To update/inform the Waters Governance Board on actions following the Waters Governance Board meeting held on Tuesday, 19 July 2022.

2. Staff recommendations

Tuutohu-aa-kaimahi

THAT the Waters Governance Board receives the Actions Register to August 2022.

3. Attachments

Ngaa taapirihanga

Attachment 1 – Action Register

Waters Governance Board²³ Actions Register – Open Meeting

Meeting Date	Action	To Action	When	Status
15/3/2022	Report to come to the next Water Governance Board meeting regarding the Huntly Wastewater Treatment Plant upgrade, including a cost return comparison for a temporary upgrade versus managed compliance in the short term.	Watercare	July 2022 September 2022	<p>Discussions are underway with WRC (compliance) and Sleepyhead (bringing plant upgrade forward). Sleepyhead has shared a high-level proposal with multiple options for wastewater treatment and discharge.</p> <p>Recent desludging has allowed the plant to become within compliance for suspended solids although seasonality may also have an impact.</p> <p>Discussions with WRC have indicated they understand what we are trying to achieve and are looking for council to put forward a proposal for the consent to be renewed and the plant to be upgraded.</p> <p>Council and Watercare working to develop consent renewal and preliminary design.</p> <p>\$2.1 Million LTP funding approved by Council to be bought forward to enable concept design and resource consent application to be developed.</p> <p>Sleepyhead Development Agreement is being negotiated with possibility of Sleepyhead undertaking an interim upgrade to enable Ohinewai wastewater discharge to be sent to a compliant plant.</p> <p>WRC have been informed of the suggested pathway</p> <p>Huntly site visit to take place with all stakeholders on 22 August</p>

Waters Governance Board Actions Register – Open Meeting

Meeting Date	Action	To Action	When	Status
15/3/2022	The Waters Governance Board to meet with Nga Muka on an agreed date soon.	J Colliar WGB	April 2022	An initial site visit was undertaken 10 August and will be followed up with a visit to Huntly Wastewater Treatment plant on 22 August. A more detailed discussion will take place at Matahura Marae on 30 August
26/4/2022	<u>Compliance Summary Report</u> Compliance Summary report to be provided to the Waters Governance Board quarterly.	M Telfer, Watercare	August 2022	A separate report will be circulated under separate cover
7/06/2022	<u>Port Waikato, Te Akau and Onewhero Options Assessment Report</u> A report to come to the Board with more accurate costings for the assessment options for the three small water supplies.	M Telfer, Watercare Keith Martin	September 2022	
16/08//2022	<u>Pokeno/Tuakau Wastewater Network</u>	Keith Martin/ M Telfer	September 2022	Amendment to funding solution and approval to continue with stages 2 and 3 has been provided by WGB and Council. Capital Works programme is to be provided by Watercare and regular updates provided monthly.. Future Annual plans and LTP to include additional stages appropriately costed .
16/08//2022	<u>Te Kauwhata Wastewater Network</u>	Keith Martin/ M Telfer	September 2022	Funding solution and reduction in scope approved by WGB and Council. Ministry of Housing and Urban Development have acknowledged the change to scope within the HIF funding agreement and have approved provided the original scope is achieved via other council funding mechanisms.

Waters Governance Board
Actions Register – Open Meeting

Meeting Date	Action	To Action	When	Status
				LTP 2024-2034 will include appropriate costs to enable a third MABR/MBR train to be installed 2025- 2031. Capital Works programme to be supplied by Watercare and reported on monthly..

To	Waters Governance Board
Report title	Three Waters Reform Project Update – August 2022
Date:	20 August 2022
Report Author:	Deron Sharma - Three Waters Reform Project Manager
Authorised by:	Gavin Ion - Chief Executive

1. Purpose of the report

Te Take moo te puurongo

To update the Waters Governance Board of current workstreams, activities, and key matters under the Three Waters Reform Project.

2. Executive summary

Whakaraapopototanga matua

On 19 July 2022, the Associate Minister of Local Government, Kieran McNulty, announced a \$43.28 million support package for councils to support activities relating to Three Waters Reform, of which Waikato District Council has been allotted \$797,000. The funding agreement pertaining to the package has been approved by Council Council's Legal Team is currently reviewing the terms of the Better Off Funding Agreement as well.

The National Transition Unit has begun advertising for the establishment Water Service Entities Chief Executives.

The Department of Internal Affairs (DIA) has indicated an upcoming request for information by the end of September 2022 as a tool to guide both Council and DIA through the process of debt transfer.

Through the local transition team, Council has requested the NTU provide 'day one outcomes' of the water service entities and a roadmap to achieving this, which will then be used to develop a transition plan. This request has been acknowledged by the NTU, with an expectation that this will be provided by December 2022. Council is attending a hui on this matter with DIA on September 13.

The asset management plan (AMP) working group at the NTU has begun their programme of works. Under the Water Service Entities (WSEs), there will be four AMPs developed by the WSEs and approved by the WSE Board, instead of councils. The DIA is seeking to develop a national growth and land development framework between councils and WSEs.

3. Staff recommendations Tuutohu-aa-kaimahi

That the Waters Governance Board receives the Three Waters Reform Project Update Report for August 2022.

4. Discussion Matapaki

4.1 Transfer of Waters Debt

The NTU has acknowledged that councils are seeking further clarity on the nature and quantum of the payment they can expect to receive on transfer of assets to the Water Services Entities, so that this can be incorporated into forward financial, treasury and infrastructure planning. The NTU is working through the detailed design of the three waters debt calculation, but provided the following guidance in the interim:

FY22 (30 June 2022) Three Waters debt level

By end of September 2022, the NTU will send each council a proforma key financial information template, to be completed by mid-October based on the accounts as at 30 June 2022.

The goal being, to agree and confirm 30 June 2022 three waters debt levels with Council by 31 March 2023.

To achieve this, the NTU will engage with Council over the period from November 2022 to March 2023.

Three Waters debt for FY23 and FY24

The agreed three waters debt balance on 30 June 2022 will be updated to reflect FY23 actual results during the period October–December 2023 based on a template NTU will ask councils to complete. This will be based on 2022/23 financial year actual results of key inputs including overall debt increase, capex spend, movement in reserves and development contribution revenues. A forecast to 30 June 2024 will also be completed at this time.

A similar process will be used to determine the final three waters debt position for each council as of 30 June 2024; recognizing that the final outcomes will not be known until after completion of councils' audited accounts as of 30 June 2024.

Tax and accounting treatment and impacts of proposed arrangements

The NTU is currently seeking confirmation of the accounting treatments of the reform for councils and the new Water Service Entities. Any tax impacts will be shared with Councils when received.

Debt Transfer

Council has been advised to continue managing the financial and treasury position with the expectation of receiving cash payments on or about 1 July 2024. Councils should also expect to retain specific debt instruments. The NTU is aware of the potential for issues regarding the receipt of large payments and the ability of councils to apply payments they receive to retire debt they currently hold.

The NTU is considering options to allow flexibility around the timing and phasing of payments to ensure these can be managed efficiently by councils and is exploring options with New Zealand Local Government Funding Agency.

4.2 Asset Management Working Group

In addition to developing AMPs, the asset management working group will be developing national frameworks for:

- Asset Management Policy
- Levels of service/Performance
- Infrastructure Decision Making Prioritisation Framework
- Risk Management Policy and Strategy
- Growth and Urban Development

An indicative timeline of key milestones has been provided by the group (**Figure 1**).

Timeline



Figure 1: Asset management plan timeline

5. Next steps

Ahu whakamua

The Chief Executive will begin negotiating the terms of the Transition Support Package Funding Agreement with the DIA.

Council will continue to collaborate with DIA for any information requests and advocate for the needs of our communities in the process.

With foresight, Council is now gearing up for the incoming information requests. Staff are assessing whether external resources will be required to deliver on business as usual whilst responding to these requests.

6. Attachments

Ngaa taapirihanga

There are no attachments for this report.

To	Waters Governance Board
Report title	2021/22 Long Term Plan Performance Results and Service Summaries
Date:	30 August 2022
Report Author:	Zinab Al-Khaleefa – Three Waters Contract Engineer, for Carole Nutt – Waters Contract Relationship Manager
Authorised by:	Gavin Ion - Chief Executive

1. Purpose of the report

Te Take moo te puurongo

To inform the Waters Governance Board of the waters Long Term Plan (LTP) performance results and three waters service summaries for the period 30 June 2021 to 31 July 2022.

2. Executive summary

Whakaraapopototanga matua

An Annual Report is being prepared to provide the community with information about Waikato District Council's performance in the preceding year (1 July 2021 to 30 June 2022). Covered in the Annual Report 2021/22 are the performance results and statement of service provisions for the three waters.

This report contains a high-level summary of what we did during the 2021-22 period in the water supply, wastewater, and stormwater space. A copy of the Waikato District Council Scorecard Report on the three waters Long Term Plan performance targets and results for the 2021/22 year is attached. Please note that all performance targets were met for the preceding financial year.

3. Staff recommendations

Tuutohu-aa-kaimahi

That the Waters Governance Board:

- a. receives the report 2021/22 Long Term Plan Performance Results and Service Summaries; and**
 - b. notes the performance targets for the 2021/22 financial year have been met.**
-

4. Background

Koorero whaimaarama

Each month, Watercare Services Limited (Watercare) report on the performance targets as set in the Agreement for Operation and Maintenance of Water, Wastewater and Stormwater services. There are certain key performance indicators that contain a different target in the LTP compared with the Watercare Agreement, there are also performance targets that are only reported annually, these are included in the Scorecard Report.

As well as reporting our performance target results in our Annual Report, as part of our Statement of Service Provision for each of the three waters, we include a summary highlighting what we did during the 2021-22 financial year. Below provides the commentary to be included in the Annual Report 2021/22.

5. Discussion

Matapaki

The following are the statement of service provisions covered in this Annual Report 2021/22, which set the context for the financial part of the report to inform the community of the projects and achievements in the last year.

5.1 Water Supply

New Water Services Regulator

We established a positive working relationship with Taumata Arowai, the new independent water services regulator for Aotearoa. Taumata Arowai ensures drinking water safety and regulation and manages risks to drinking water sources.

Water Treatment Plant Upgrades

A variety of upgrades and improvements are being made to our water treatment plants across the district, including the installation of filters in Raglan to mitigate water quality issues.

We are in the process of installing a new Ultraviolet (UV) treatment system at the Ngāruawāhia Water Treatment Plant. The technology is designed to eliminate pathogens (bacteria and viruses) from the treated wastewater.

As part of the Whangamarino Treatment Plant upgrade, we completed the desludging of the ponds, installed new pumps and installed a Biological Activated Carbon (BAC) filter.

Infrastructure Planning

Water supply network models are being updated for several areas around the district including Southern Districts, Tuakau, Raglan and Central Districts.

Small Water Schemes

We have been assessing the options for our three small water schemes [Port Waikato, Onewhero and Te Akau] to continue to provide residents with safe, reliable drinking water that meets standards set out by Taumata Arowai.

We have been collaborating with Horongara Community Group to investigate various solutions for the Te Akau water supply and we are in the final stages of identifying a preferred option.

Other Achievements:

- Commenced new Te Kauwhata Reservoir, currently preload remains until the settlement of site is complete.
- Our water network is undergoing renewals and upgrades across the district, including pipe system upgrades in Huntly, Tuakau Dominion Road and Te Kauwhata and a bulk main installation in Raglan.
- The Waikato District Council Water Supply Bylaw 2014 (with 2021 amendments) was reviewed and adopted on 20 September 2021.
- Council adopted the Water Leak Remission Policy on 20 September 2021 to assist when water usage increases and may be attributed to an undetected leak.

5.2 Wastewater

Wastewater Treatment Plant Upgrades

We completed a major upgrade of the Meremere Wastewater Treatment Plant, including installing a Membrane Bioreactor (MBR) plant. The now fully operational plant efficiently removes contaminants and the abatement notice from Waikato Regional Council was lifted in May.

The Te Kauwhata Wastewater Treatment Plant is undergoing the installation of a Membrane Aeration Bioreactor (MABR) to comply with consent and support the predicted population growth. Treated wastewater land discharge options are also being assessed and further decisions will be made in the coming year.

We are working on the renewal of the Raglan Wastewater Treatment Plant consent and assessing upgrade options to enhance treatment quality. Discussions with Tangata Whenua and the wider community are ongoing to explore appropriate land-based discharge options.

We have been collaborating with Sleepyhead Group to investigate an interim approach for wastewater ahead of the Huntly WWTP upgrade programmed in the LTP between the years 2025/26 and 2028/29.

Desludging Programme

The Ngāruawāhia, Huntly and Meremere wastewater treatment plants have undergone works to reduce the level of sludge impacting the biological processes in the ponds. Desludging increases the capacity of pond volume for wastewater treatment and increases chances for natural biological processes to occur. This results in higher quality treated wastewater being discharged.

Tauwhare Wastewater Pump Systems

We completed the Tauwhare Pa low pressure wastewater scheme, which involved replacing 46 individual efficient low pressure pump systems. Installation of these pump systems reduces the risk of non-compliance and damage to the environment, as well as reducing callout requests and unplanned maintenance costs.

We provided education materials to residents to inform them of materials that should not be flushed into the system.

Other achievements:

- Construction of the Ports of Auckland pump station commenced in Horotiu, which will become the primary pump station delivering wastewater flows to Ngāruawāhia.
- Stage 1 (bridge crossing) of the Ngāruawāhia pipeline from Waikato Esplanade to the Ngāruawāhia treatment plant was completed.
- We completed the renewal of Wainui Road rising main in Raglan.
- Continued collaboration with neighbouring councils to improve wastewater service delivery in the Waikato region.
- Cross-organisational collaboration is being conducted to assess options for the Huntly Wastewater Treatment Plant upgrades and renewal of resource consent.
- Continued consultation and engagement on issues and projects with iwi, hapū and community groups.

5.3 Stormwater

Stormwater Preferences

We developed a preferences guideline which aims to standardise the design of stormwater assets across the district, provide consistency in the way they are managed, reduce maintenance costs and enhance environmental outcomes.

The guideline provides best practice designs for developers and Land Development Engineers and outlines Council's preferred approach for future developments to ensure compliance with stormwater discharge consents.

As well as clarifying and improving these requirements, it will help Council prepare for the proposed Three Waters Reform programme.

In developing the document, we conducted workshops with Waikato Regional Council and other key stakeholders to confirm the best approach to manage this issue.

Stormwater Delineation

We held regular internal stormwater collaboration workshops to facilitate a better understanding of ownership of assets. Due to the complexities of our stormwaters assets which have responsibilities tagged to various stakeholders, these workshops served as an opportunity to review and agree the delegation of key responsibilities.

Internal workshops were conducted to ensure efficient allocation of responsibilities and resources. External workshops were also conducted with Waikato Regional Council who are responsible for maintaining several stormwater assets across the Waikato District.

We developed user-friendly diagrams to demonstrate the delineation of responsibilities as well as the journey of rural systems to urban systems and finally to discharge.

By having a clear delineation of responsibilities, capital works and asset management are better informed.

Other

We hosted a tour of the Drury South Wetland, designed for stormwater treatment, flood protection and amenity asset for various owners. The wetland contains a walking track and abundant bird life and is an example of a successful treatment device. Asset owners applied learnings from the wetland to enhance our treatment devices in the district.

The Stormwater Bylaw 2021 was finalised and adopted, following a consultation period. This bylaw allows Council to enforce new regulations to protect stormwater assets and waterways.

Abatement Notice

Resolution works are being undertaken in response to an Abatement Notice served by Regional Council for the Raglan urban area in 2018/19.

6. Attachments

Ngaa taapirihanga

Waikato District Council Scorecard Report - Period Jul-21 - Jun-22



Waikato District Council

Scorecard Report

Period: Jul-21 - Jun-22

Scorecard Name
2021-2031 LTP - Waters

36
Date From
01-Jul-2021

Date To
30-Jun-2022

LINKED ITEMS

UNIT

TARGET

ACTUAL

INDICATOR

2022 - 24 LTP Stormwater

LTP - Stormwater - The number of flooding events that occurred throughout the district

#

5.00

0.00



COMMENTS: There were no flooding events recorded this year.

LTP - Stormwater - The number of habitable floors affected in a stormwater flooding event expressed per 1000 properties connected to the councils stormwater system per event

#

0.30

0.00



COMMENTS: There were no flooding events recorded this year.

LTP - Stormwater - The median response time to attend a flooding event, measured from the time that Council receives notification to the time that service personnel reach the site.

m

120.00

0.00



COMMENTS: There were no flooding events recorded this year.

LTP - Stormwater - The number of complaints received by Council about the performance of its stormwater system, expressed per 1000 properties connected to the stormwater system

#

4.00

0.42



LTP - Stormwater - Council's level of compliance with resource consents for discharge from its stormwater system, measured by the number of abatement notices, infringement notices, enforcement orders and convictions received in relation those resource consents.

#

0.00

0.00



COMMENTS: No Abatement Notices were issued during the period. As at 30 June 2022, there is one active Abatement Notice for Raglan urban area and work is underway for the one remaining outstanding item.

2022 - 24 LTP Water Supply

LTP - Water Supply - The extent to which Councils drinking water supply (zones) complies with part 4 of the drinking water standards (bacteria compliance criteria)

#

18.00

18.00



LTP - Water Supply - The extent to which Councils drinking water supply complies with part 5 of the drinking-water standards (protozoal compliance criteria)

#

15.00

15.00



LTP - Water Supply - The median on site attendance time for an urgent call out where Council attends a call-out in response to a fault or unplanned interruption to its networked reticulation system

m

60.00

39.00



LTP - Water Supply - The median resolution time for an urgent call out where Council attends a call-out in response to a fault or unplanned interruption to its networked reticulation system

m

240.00

88.00



LTP - Water Supply - The median on site attendance time for a non-urgent call out, where Council attends a call-out in response to a fault or unplanned interruption to its networked reticulation system

Days

5.00

1.00



LTP - Water Supply - The median resolution time for a non-urgent call out where Council attends a call-out in response to a fault or unplanned interruption to its networked reticulation system	37 Days	5.00	1.00	
LTP - Water Supply - The total number of complaints received by Council about drinking water clarity, taste, odour, water pressure or flow, continuity of supply and response to any of these issues (expressed per 1000 connections to the water system)	#	25.00	14.62	
LTP - Water Supply - The average consumption of drinking water per day per resident within the Waikato district	L	250.00	190.00	
LTP - Water Supply - The percentage of real water loss from Council's networked reticulation system	%	28.00	27.00	
2022 - 24 LTP Wastewater				
LTP - Wastewater - The number of dry weather sewerage overflows from Council's sewerage system, expressed per 1000 sewerage connections to that sewerage system	#	3.00	1.83	
LTP - Wastewater - The median attendance time where Council attends to sewage overflows resulting from a blockage or other fault in its sewerage system, from the time that Council receives notification to the time that service personnel reach the site.	m	60.00	48.00	
LTP - Wastewater - The median resolution time where Council attends to sewage overflows resulting from a blockage or other fault in its sewerage system, from the time Council receives notification to the time personnel confirm resolution of the blockage or other fault.	m	240.00	130.00	
LTP - Wastewater - The total number of complaints received by Council about odour, system faults, blockages, response to issues with its sewerage system.(expressed per 1000 connections to the sewerage system):	#	10.00	6.63	
LTP - Wastewater - Council's level of Compliance with resource consents for discharge from its wastewater system, measured by the number of abatement notices, infringement notices and enforcement orders <i>COMMENTS:</i> No Abatement Notices were issued during the 2021-2022 period. At as 30 June 2022, there is one Abatement Notice for the Te Kauwhata wastewater discharge consent. A stage plant upgrade is underway to address the non-compliances in the shortest time possible.	#	2.00	0.00	
LTP - Wastewater - Council's level of Compliance with resource consents, measured by the number of Convictions for discharge from its wastewater system,	#	0.00	0.00	
Overall Performance	%	0.00	0.00	

To	Waters Governance Board
Report title	Three Waters Governance Report – August 2022
Date:	16 August 2022
Report Author:	Carole Nutt – Waters Contract Relationship Manager
Authorised by:	Gavin Ion - Chief Executive

1. Purpose of the report

Te Take moo te puurongo

To update the Waters Governance Board of the current workstreams, key matters and metrics under the three waters operational and maintenance agreement with Watercare Serviced Ltd.

2. Executive summary

Whakaraapopototanga matua

Please refer to the Highlights and Lowlights summary section in the attached report prepared by Watercare Services Ltd.

3. Staff recommendations

Tuutohu-aa-kaimahi

That the Waters Governance Board receives the Three Waters Governance Report for August 2022.

4. Attachments

Ngāa taapirihanga

Attachment 1 – Waikato DC Three Waters Governance Report – August 2022

WAIKATO DC THREE WATERS GOVERNANCE REPORT

AUGUST 2022



Mathew Telfer
Operation Manager
Watercare Waikato
August 2022

1. Highlights and lowlights

- No Lost time injuries in July
- All performance measures were achieved except water 'Resolution of urgent call-outs'. This failed measure reflects the complex repairs.
- The Scada delivery project was completed at the end of July, with the close-out completed in the first week of August.
- There was significant rainfall within the district across June and July. The teams managed three significant events across the district in July at the Ngāruawāhia Water treatment plant, the Huntly and Raglan wastewater plants, and the Ngāruawāhia bridge crossing. The events related to the heavy rainfall and the high river levels (detailed below). The Regional Council will be provided detailed reports for the wastewater events.
- Visits to the Meremere and Te Kauwhata sites were held in early August with Iwi, community representatives, and Council staff. The meetings were successful, and at the request of attendees, a similar visit was planned for Huntly WWTP before the next Water Governance Board meeting.
- Injury to highlight - An injury to shoulder at the start of August when pulling a 70mm hose on top of Clarifier # 5 to arrange drain down, currently on a sling and is put on light duties.

2. Health and Safety

2.1. What we've seen this month














- There was no Lost Time Injury (LTI) and no Restricted Duties Injury (RDI) involving Watercare employees in July – We have one Restricted Duties Injury (RDI) at the start of August.
- Waikato & Huntly - Two Injuries to highlight, injury to ankle, personnel standing in front of instrument panel fell off from a 200mm drop and teared a muscle from their ankle. Injury to shoulder, currently on a sling and is put on light duties, 1st of August.
- There were zero recordable injuries involving contractors in July
- The focus for the Month was Working with live traffic.
- The back-to-basis campaign has been launched across Watercare.

2.2. Looking ahead and wellbeing

- The focus for next Month is Digging and working in excavations.

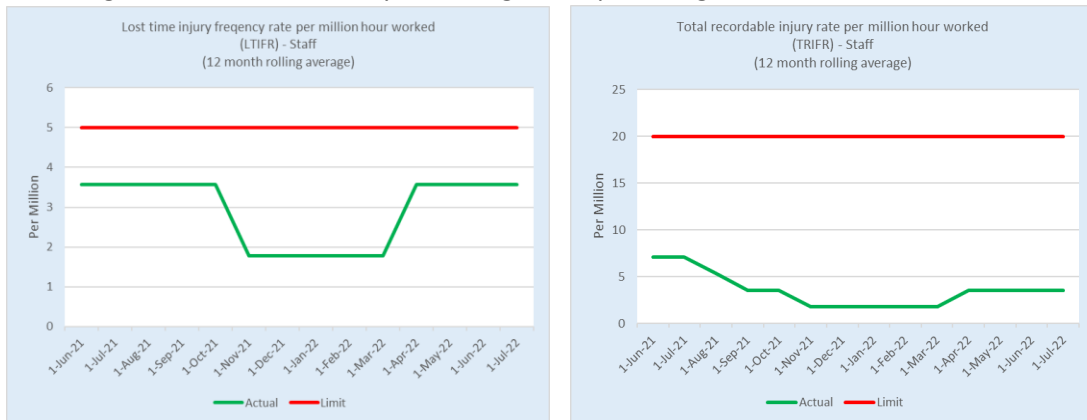
2.3. Critical risks

Watercare is assessing one of our critical risks (Appendix 1) each month (excludes Nov and Dec) as per the schedule below.

	Review Date		Review Date
 Working in confined spaces	May 2021	 Working with fixed plant and equipment	February 2022
 Working with mobile plant	June 2021	 Working in or near live traffic (includes road corridors, construction and operational sites)	March 2022
 Driving / using vehicles	July 2021	 Working at Height	April 2022
 Working alone or isolated	August 2021	 Working around waterbodies	May 2022
 Working with hazardous materials	September 2021	 Digging and working in excavations (includes tunnelling)	June 2022
 Working with suspended loads	October 2021	 Working with flammables or in explosive/flammable areas	July 2022
 Working with or near live energy (electrical, mechanical, pneumatic, hydraulic, etc)	January 2022		

2.4. July metrics

- There was a reported close call related to the unloading of a pump at the Huntly WWTP.
- An injury to shoulder at the start of August when pulling a 70mm hose on top of Clarifier # 5 to arrange drain down, currently on a sling and is put on light duties.



3. Operations

Scada system delivery

- The Scada upgrade to the new Watercare/WDC control platform was completed on 30th June 2022, with the close-out of the project completed in the first week of August.

3.1. Production

Water

Huntly WTP

- Management of the plant was complicated by river intrusion of the site in July. While this did not impact the water treatment processes, the flooding of the area surrounding the plant was extensive.
- The plant was impacted by reduced water quality from the river, but with increased monitoring/management, the plant operated through the storm and river flooding and supported the recovery of the Ngaruawahia water treatment plant.
- Optimising of processes and regular jar testing is ongoing.



Flood waters encroaching on the clarifiers and fish on the front lawn

Ngaruawahia WTP

- Due to water quality issues relating to the Waikato River being in flood. Operators were required to be on-site at the Ngāruawāhia on a 24-hour basis from 9 July to 15 July to monitor the coagulation process and clarifier recovery closely. Additional technical support was brought in from Auckland. This highlighted the difficulty of managing staffing levels for extended periods. While technical support is welcome, handing over plants was not possible. Additional cross-training will be arranged with the Watercare Akld production team in the coming months.
- The building of the new containerised UV plant is making good progress.

TeKauwhata WTP

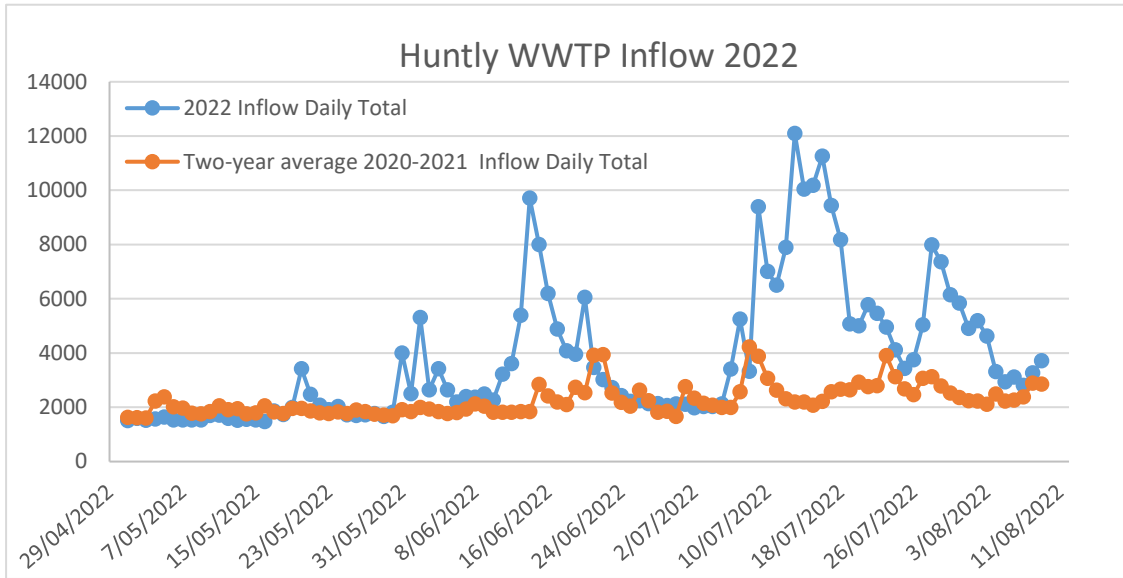
- For the Te Kauwhata WTP filter tie-in, the Meremere and Te Kauwhata pump replacements and instrumentation upgrades are complete.



Wastewater

Huntly WWTP

- Heavy rainfall in June and July combined with the high river levels in July resulted in the pond levels increasing to the point of overflow between # 1 and # 2 ponds and close to overtopping the dam. This could have resulted in a significant environmental impact if the dam had failed. To avoid this, diesel pumps were used to pump between ponds one and two, and to create a secondary flow (bypassing the UV) to the wetland. The neighbouring stream ultimately flooded to the point of overwhelming the wetland. This is a risk accounted for in the consent, which includes an allowance. The team worked with the Regional Council (WRC) throughout the event and was complimented for the open and timely communication in a subsequent meeting with WRC. The WSL Akld dam team provided support as part of the assessment during the event.



Inlet flow trend



Dividing embankment between # 1 and # 2 ponds



The dividing embankment between #1 Pond and the seepage pond

TeKauwhata WWTP

- Diesel pumps are used to control wetland levels during heavy rainfall.
- A meeting on site is planned for August with local Iwi and Council staff to discuss the progress.



The second concrete pad pour for MABR tanks was completed at the end of July

Raglan WWTP

- Heavy rain fell in June followed by extremely heavy rainfall in July resulted in the pond effluent levels increasing to the point of overflow of the roadside pond. The diesel pump has been running continuously to help control levels. The final effluent pump control levels and discharge times were optimised to maximise the tidal discharges. The decision was made to discharge continuously on both the incoming and outgoing tides to maintain level control and avoid an uncontrolled overflow to the receiving harbour environment. All discharges were carried out with the UV system operating to maintain compliance.
- The community was notified of the change on social media and warning signed erected in the surrounding area and access points to the harbour. WDC and WRC notified of the measures being taken.
- A site visit was held with a concerned resident in July to review the signage relating to the discharge location from the wastewater treatment plant. A review of the signage including more signs, with great visibility was agreed to reduce the risk of people unknowing using the beach area around the discharge.



Scada transfer from Waikato Council to Watercare

- The Scada delivery project was completed at the end of July, with the close-out completed in the first week of August.

3.2. Networks

- Faults of significance – Several major repairs were rectified in July:
 A leaking gibault fitting on the 150mm PVC aerial water main running along the Wainui Road bridge was repaired on 28 July. A challenging job logistically that required coordination between Industrial Site Services (abseilers), Stop/Go traffic management, and WSL staff for job oversight. The PVC portion of the pipe was isolated with no service disruption to customers. The gibault was tightened by ISS staff abseiling off the bridge and was then wrapped in Denso tape to ensure a more secure fit on the main.



Abseilers carrying out gibault repair work

A significant sewer break on the 250mm AC rising main (the main feed from Ngaruawahia township to the WWTP) was reported on 24 July. Due to the intense rainfall in the proceeding days/weeks, a portion of the embankment had slipped, resulting in the pipe break. This was a challenging, large-scale repair. Waikato Regional Council/Waikato District Council were informed immediately, and WRC staff attended the site as the overflow had entered the Waikato River. Flows from feeding pump stations were held by remotely shutting them off via SCADA, and vacuum tankers transported incoming sewer to the treatment plant over the course of 10 hours. The rising main was exposed, and the repair was completed late afternoon, with flows resuming at approximately 4.30 pm. A subsequent report detailing the incident was produced and sent to WRC on 25 July.



Image of the bank slippage and resultant pipe break



The repaired portion of the rising main

3.3. Stormwater

- The new Stormwater engineer Donnie Chio starts with the team on 1 September.
- Current Raglan abatement notice work is still ongoing. WRC has approved the latest proposed option (a combination of pipe and open channel) for Cambrae Road, the final outstanding item on the abatement notice.
- We are awaiting feedback from WRC on the annual report.
- Stantec has commenced assisting Watercare's SW deliverables being:
 - The final assessment of the new standards is underway

4. Planning and project delivery

4.1. Infrastructure Planning

There are several work packages underway, including.

- Southern Districts Water Network Model – Model conversion and update underway.
- Tuakau Water Network Model - Model conversion and update underway
- The Raglan WW model - has been finalised with WDC population data and system performance analysis completed. We await improved data from Nero PS and Wallace St Pump Station; this will involve magflow meter installation.
- Huntly Wastewater network model - Consultant data capture underway, Require additional flow gauge installation on key pump stations.
- The installation of permanent rain gauges in WDC's townships was completed for all six sites. The remaining task is to connect to the SCADA system progressively.

Internally staff worked on/with:

- Continuing work with Watercare's Auckland staff on the Infor asset management system.
- Rangiriri WW Pump station in legal road study

Business cases

- The Te Kauwhata WWTP upgrade and and Pokeno/Tuakau pipeline were approved on 15 August
- The funding to bring forward the planning/design and consenting of the the Huntly WWTP plant was approved on 15 August

4.2. Development and growth

- Further discussions with WDC and Washer Rd Horotiu Developer revolving around WW pump station are required to service the area.
- Ongoing discussions were held with the Horotiu, Taupiri, and Tuakau land developers.
- We are discussing with WDC the water and wastewater servicing for the Ohinewai development.
- Regular catch-ups with the WDC Growth team.
- Te Kowhai WS and WW servicing strategy being finalised

4.3. Asset Management

- Asset management loading performance
- The assets for the Meremere Wastewater Treatment plant have been loaded into Infor. With a value of \$5.35 million, 509 new assets were processed and added to the asset database. We received 22 (244c) subdivision approval documents in July from WDC.
- Revaluation
AECOM provided the draft valuation spreadsheets to WSL and WDC at the end of July. WDC had given their inputs and comments on the draft spreadsheets, and AECOM had updated the files accordingly. Currently, WSL is waiting for WDC's approval of the updated values so the new unit rates can be uploaded into Infor and AECOM can complete the draft revaluation report. WSL will review the draft report; if no changes are needed, a final revaluation report will be submitted by AECOM to WSL and WDC.

4.4. Project delivery

- Ngāruawāhia Pipeline: This project replaces an aging pipeline from Ngāruawāhia to the treatment plant in stages. The upgrade of the rising main across the Waikato River Bridge is complete. Commencement of the next section from the wastewater treatment plant to the railways is being planned; this may need to be brought forward due to the recent failures.
- The POAL WWPS – The service ducts are installed, and work on the incoming gravity sewer and control building is underway.
- Te Kauwhata Reservoir preload remains until the settlement completes. Only minor works can progress at this stage; construction of the new access and service diversions are underway.
- The design of the Tuakau Interceptor Pump Station Upgrade and the Tuakau to Pokeno pipeline will now commence based on the approval.

4.5. Network Renewals

- Water Network Renewals are well underway. The Raglan-bulk main installation has completed the drilling works. The manifold is installed, and the tie-in is being planned.
- The first stage of the Tuakau Dominion is complete and in service.
- Te Kauwhata water main renewals are underway, progressing initially along Hall Road to the water treatment plant.

4.6. Treatment plant Upgrades

- Ngaruawahia WTP Upgrade – The installation of the new UV treatment system has commenced. The UV system is on-site, and the pipework installation is underway. The installation of the new run-to-waste system has started with utility mapping, route planning, and the long lead items procurement
- Whangamarino WTP 4.5MLD Upgrade – Desludging and the installation of the conveyance pump sets is complete. The BAC filter is being commissioned.
- Te Kauwhata WWTP – The piling and foundation works are complete. All four MABR tanks are on site. The installation of the treatment plant is awaiting funding approval to proceed.

5. Compliance

5.1. July updates

- All July drinking water monthly reports demonstrated compliance.
- A June data/comms issue for Raglan was investigated, and evidence was documented showing compliance was achieved.
- SCADA system upgrade has resulted in disrupted data collection by the Water Outlook system between the beginning of the upgrade in June and project completion, expected to be mid-August. The disruption in data was anticipated, and the Water Outlook team had put together an app to reconcile the data after each site was transferred over. However, this has not been 100% successful, and some compliance tags have been affected. After project completion in mid-August, all data is expected to be reconciled and accessible via Water Outlook. WRC has been informed that some routine reporting has been disrupted.
- Raglan and Huntly's June/July WWTP extreme weather event reporting was completed for the Production Team, including WWTP trending and lab parameter analysis.
- Taumata Arowai released the new Quality Assurance Rules in late July 2022. Notable changes from the draft document were:
 - They no longer require FACe monitoring and reporting in the distribution zone. (pH monitoring/adjustment to FAC removed).
 - They no longer require 100% of distribution FAC samples to be greater than 0.2 mg/l (now requiring 85%).
 - They no longer require perchlorate sampling for hypochlorite treatment sites (significant cost saving).
 - A slight reduction in the minimum frequency of E. coli and FAC distribution zone sampling.
 - Requirement for turbidity monitoring after chlorine contact time has elapsed (previously required at chlorine dosing point).
- An updated Quality Assurance Rules report will be produced in August, focusing on those areas that require changes or may require changes to meet the rules.
- An updated lab schedule will be produced to meet the Quality Assurance Rules requirements and to align with the Auckland WQS team approach.
- All July compliance reports for Wastewater are due to be submitted to Waikato Regional Council during the second week of August 2022 with relevant notes, updates, and other resource consent reporting requirements as scheduled. All June reporting was completed in full and on time.
- A 2021-2022 water loss/balance report has been produced based on the previous year's format and method with information and support from the Customer Care Team Leader. The WDC key performance indicators of consumption and water loss were met.
- Draft resource consent annual operational/compliance reports for water takes have been prepared for Huntly/Ngarauawaihia, Raglan, and Port Waikato. A report for Te Akau is not considered necessary as abstraction was paused from April 2021.
- An annual drinking water compliance internal report has been prepared for the WDC supplies for the 2021-2022 period. Compliance was achieved against all the criteria included in the scope of the review. Taumata Arowai has stated that no external auditing will occur for the 2021-2022 period that can be used for any *Non-Financial Performance Measures Rules* auditor requirements.

- Assistance was provided to the Watercare Sustainability Team to complete greenhouse gas reporting. The Sustainability Team has been in touch with Waste Management NZ to access grit screenings information directly for future reporting.
- Data requests were received for the water hardness in Te Kauwhata, Raglan stream/weir correlation, Fluoride in WDC supplies, and Drugs in Wastewater flow data.

5.2. Abatement notices

- The Raglan stormwater Discharge Consent has an Abatement Notice for the 2018/2019 compliance period highlighting non-compliances. See above section 4.3 Stormwater for the latest works update.

6. Customer

6.1. Complex Water meter installation project

- The public notice issued by Council per Schedule 12

Complex Water Meter Installation Progress	Count of Property
Installed and charged	148
With Contractors	8
Schedule 12 - Council action to enable works to carry within the private boundary	20

6.2. Backflow Preventor Device Testing

	Tested	Passed	Failed
BFP Testing to 30 June 2022	1176	96%	4%

BFP testing completed	30%
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Month	Completed Tests
Mar-22	336
Apr-22	343
May-22	240
Jun-22	269
Jul-22	TBC

7. Strategic resource consents.

Raglan WWTP resource consent application preparation

Land Securement Progression

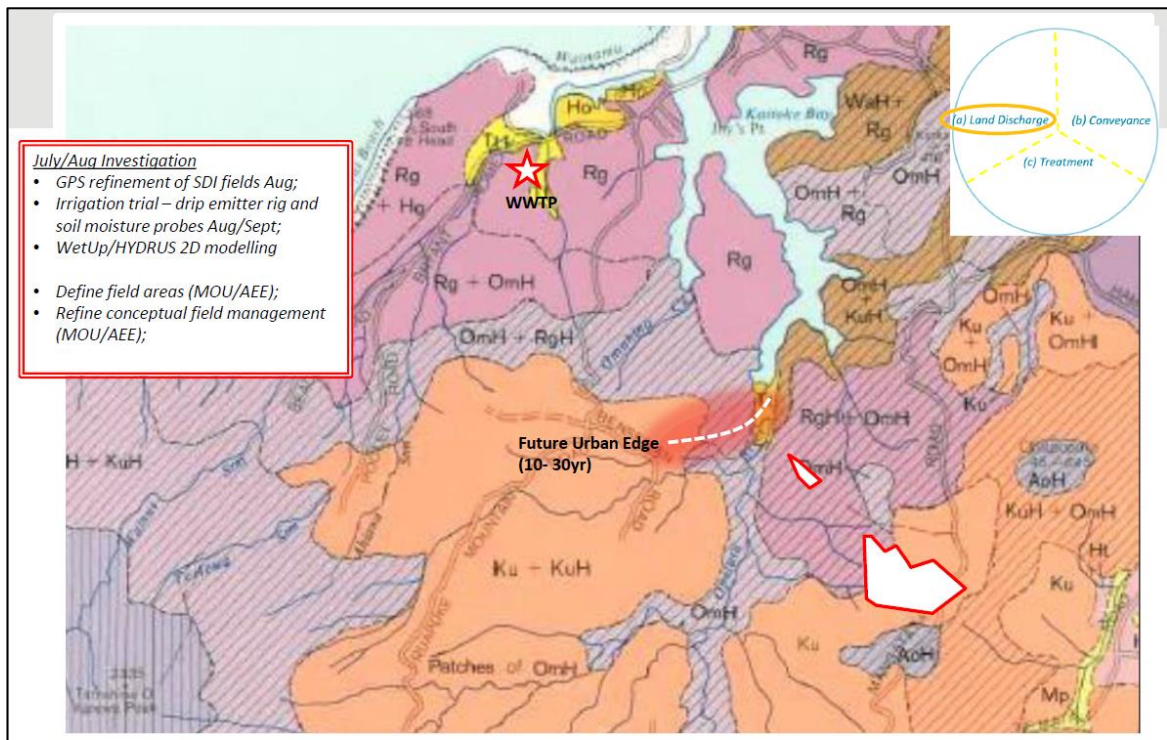
- The June Water Governance Board reporting highlighted the ability of the Consenting Project Team to work in good faith with the Raglan Land Company/Scenic Properties (RLC) to investigate a favourable land discharge possibility within deep loamy soils on their Maungatawhiri Road Farm. It is considered that this closest opportunity in Raglan WWTP consenting history to achieve a culturally appropriate land-based discharge solution.
- The site investigations continued in July, with progress included site investigations within the farm with Manaaki Whenua (Landcare) and sub-surface drip irrigation (SDI) specialists (Nexgen Waters).
- The site visit allowed for refinement of the theoretical SDI fields within the site using GPS tracking. This was undertaken over two days, where deliverables shall include:
 - Site maps that move beyond desktop analysis, and an
 - improved ability to enter land securement discussions with the landowner.
 The photo below highlights the field methodology used in GPS data collection.
- Ecological studies are planned in August within the farm, where this information will be critical in determining the environmental effects of any theoretical subsurface drip irrigation. Advanced onsite SDI investigation is needed now for project advancement. A trial that measures soil hydraulic conductivities at four sites is being planned, which will provide data required for software input to determine initial dripper placement (depth and spacing) as part of SDI field design.
- A July update was offered to key stakeholders on the progression of land use discharge optioneering. Summary slides covering land discharge, conveyance is provided as images below. An August update is being planned now, which will highlight theoretical timelines associated with differing consenting pathways, alongside the promising private land solution described above. The remaining theoretical shortlisted options include:
 - (i) Upgraded treatment to private land;
 - (ii) Upgraded treatment to public land (Wainui Reserve using a high rate to sands)
 - (iii) Upgraded treatment and new outfall.
- The private land option aligns closest with projects and provides the highest likelihood of land securement in the perspective of the project team. It is a superior solution in contrast to the public land option. The complexities associated with land securement involving third-party agreement has been explained clearly throughout engagement to the key stakeholder group, which include Waikato Regional Council (WRC) representatives. A key issue experienced is the uncertainty of lodgement timelines.
- The prior discharge consenting approach was unsuccessful in establishing an alternative land-based solution, which unfortunately resulted in Environment Court Appeals based on cultural grounds and community dissatisfaction. The Council entered a lengthy Court led mediation process that resulted a medium-term duration consent (15yrs). Where the Court placed an emphasis on the consent holder obligation to investigate advanced treatment and a culturally appropriate alternative discharge solution.
- Appreciation of continued commitment to secure land-based solution has been offered to the project team by Hapuu and most key stakeholders. The length of time such optioneering has needed has been recognised by all, where WRC understanding has meant that a potentially optimum sustainable longer term discharge solution may be achieved, and community and

Hapuu dissatisfaction may be avoided if a lesser intensive investigation is perceived that defaults to a continued point source discharge.

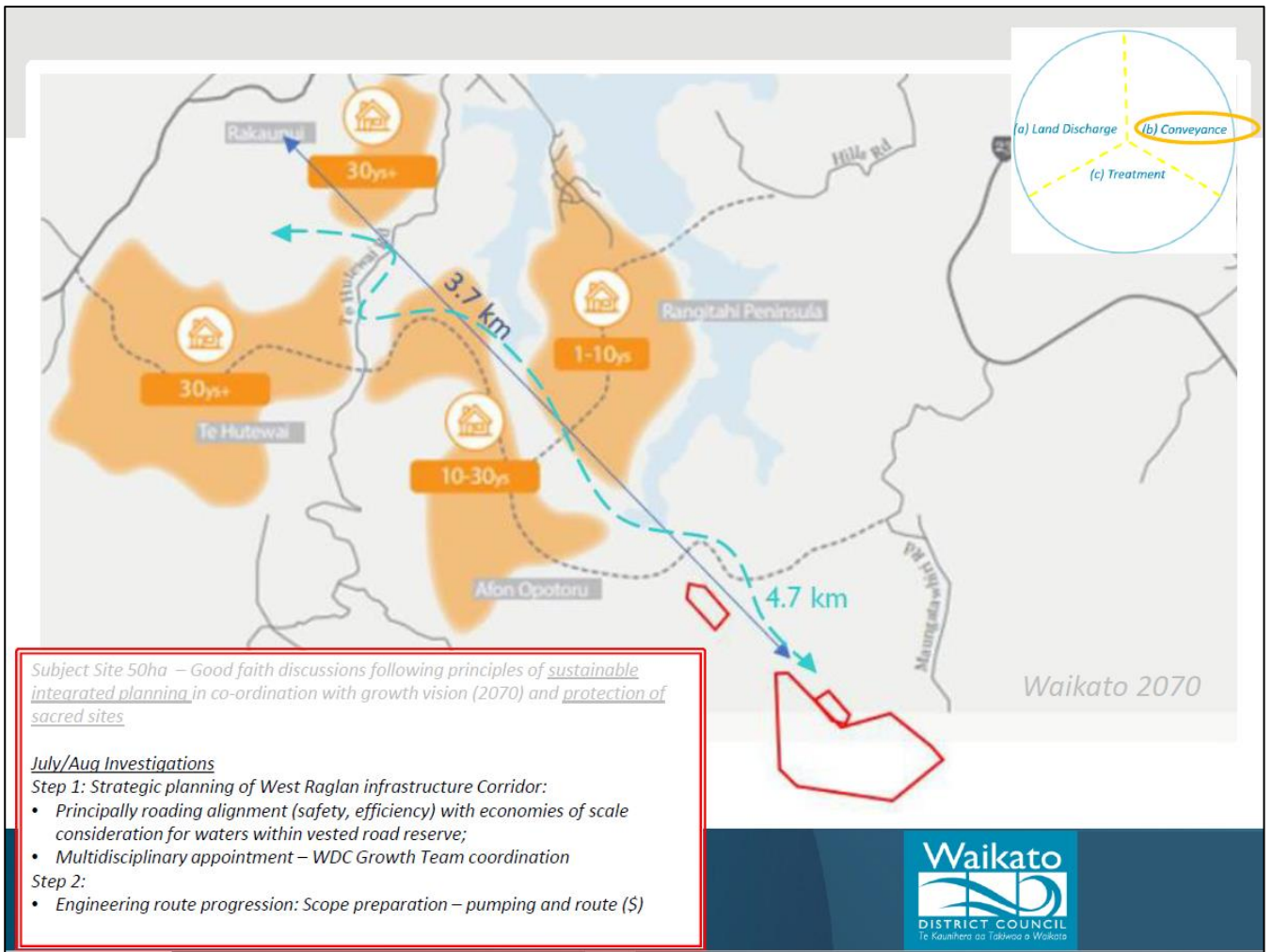
- WRC, as regulator, may at any time may wish to process the existing application (status quo discharge), however the project progress shown, alongside support from others has offered a level of comfort to date. It will be clear within the next few months whether the private land option will come to fruition, where there is optimism that this will be the case. Continued liaison, updates and workshopping with WRC during this interim period will be undertaken.



Theoretical SDI field identification using a light utility vehicle.



Land discharge explanation, identifying promising securement of area within appropriate soils



Conveyance detail, highlighting appropriate planning needed for an efficient service corridor

8. Key performance indicators

KPI – description	Results	Target 2021/2022
		Water
<i>The extent to which the Council's drinking water supply complies with Part 4 of the drinking water standards (bacteria compliance criteria).</i>	18	18
<i>The extent to which the Council's drinking water supply complies with Part 5 of the drinking water standards (bacteria compliance criteria).</i>	15	15
<i>Attendance for urgent call-outs: from the time that Council receives a notification to the time that service personnel reaches the site.</i>	July - 46 Year to date - 46	≤ 60 mins
<i>Resolution of urgent call-outs: from the time that Council receives a notification to the time that service personnel confirms resolution of the fault or interruption.</i>	July – 481 Year to date - 481	≤ 120 mins
<i>Attendance for non-urgent call-outs: from the time that Council receives a notification to the time that service personnel reaches the site</i>	July – 1 Year to date - 1	≤ 3 days
<i>Resolution of non-urgent call-outs: from the time that Council receives a notification to the time that service personnel confirms resolution of the fault or interruption.</i>	July – 1 Year to date - 1	< 3 days
<i>The total number of complaints related to Water services received by Council (expressed per 1000 connections to the networked reticulation system):</i>	July – 1.49 Year to date Result -1.49	≤ 22/1000
		Wastewater
<i>The number of dry weather sewage overflows from Council's system (expressed per 1000 sewage connections to that sewage system.) - Non-sensitive receiving environments</i>	July – 0.00 Year to date Result – 0.00	≤ 2/1000
<i>The number of dry weather sewage overflows from Council's system (expressed per 1000 sewage connections to that sewage system.) - Sensitive receiving environments</i>	July – 0.15 Year to date Result – 0.15	≤ 2/1000
<i>Attendance time: from the time that Council receives a notification to the time that service personnel reaches the site.</i>	July – 25 Year to date Result – 25	≤ 60 mins

<i>Resolution time: from the time that Council receives a notification to the time that service personnel confirms resolution of the blockage or other fault.</i>	July – 93 Year to date Result – 93	≤ 240 mins
<i>The total number of complaints received by Council about any of the following (expressed per 1000 connections to the sewage system):</i>	July – 0.87 Year to date Result – 0.87	≤ 10/1000
Stormwater		
<i>The number of Stormwater flood/blockage events that affected habitable floors (expressed per 1000 connections):</i>	July – 0 Year to date Result – 0	< 5
<i>The total number of complaints received by Council about the performance of the stormwater system (expressed per 1000 connections):</i>	July – 0.00 Year to date Result – 0.00	< 1.25
<i>Level of compliance, number of the following, Abatement, infringement notices, enforcement orders or convictions</i>	2020/21 - 0 (1 existing Abatement from 2018/19)	0
Health and Safety		
<i>Safety: Lost time injury frequency rate (LTIFR) per million hours worked</i>	3.56	≤ 5
<i>Safety: Total recordable injury frequency rate (TRIFR) per million hours worked</i>	3.56	≤ 20
<i>Safety: 100% of Notifiable (or serious non-notifiable) Events reported to WDC within 2 hours of the occurrence</i>	100% No events YTD	100%
<i>Safety: 100% of Notifiable Event reports supplied to WDC within 21 business days</i>	100% No events YTD	100%

<i>Safety – the percentage of complaints resolved within ten working days</i>	100%	95%
<i>Safety- Health and safety Audit programme and action plan completed (6 monthly and then annually)</i>	100%	1
<i>Safety - All site emergency plans to be drilled six-monthly as per drill schedule</i>	100%	> 100%
<i>Safety - Monthly Health and safety meeting held with all workers</i>	1	> 90%
<i>Safety-Critical risk audit to be conducted by HSW BP Bi-monthly</i>	100%	1
<i>Safety -Actions required to be closed within one Month</i>	100%	> 90%

To	Waters Governance Board
Report title	Exclusion of the Public
Date:	30 August 2022
Report Author:	Elizabeth Saunders, Democracy Advisor
Authorised by:	Gaylene Kanawa, Democracy Manager

1. Staff recommendations

Tuutohu-aa-kaimahi

THAT the public be excluded from the following parts of the proceedings of this meeting.

The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

General subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 48(1) for the passing of this resolution
Item PEX 1 Confirmation of Minutes Item number PEX 2 Action Register	Good reason to withhold exists under Section 6 or Section 7 Local Government Official Information and Meetings Act 1987	Section 48(1)(a)
Item PEX 3.1 Waters Financial Results to 31 July 2022		
Item PEX 3.2 Waters Financial Results 2021/2022		

This resolution is made in reliance on section 48(1)(a) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by Section 6 or Section 7 of that Act which would be prejudiced by the holding of the whole or relevant part of the proceedings of the meeting in public, as follows:

Item No.	Section	Interest
Item PEX 1 Confirmation of Minutes Item number PEX 2 Action Register	Refer to the previous Public Excluded reason in the agenda for this meeting.	
Item PEX 3.1 Waters Financial Results to 31 July 2022	7 (2) (b) (ii)	To protect information that would otherwise unreasonably prejudice a person's commercial position.
	7(2)(h)	To enable commercial activities to be carried out without prejudice or disadvantage.
Item PEX 3.2 Waters Financial Results 2021/2022	7 (2) (b) (ii)	To protect information that would otherwise unreasonably prejudice a person's commercial position.
	7(2)(j)	To prevent use of the information for improper gain or advantage.

2. Attachments

There are no attachments for this report.
