

Agenda for a meeting of the Waters Governance Board to be held Audio Visually on **TUESDAY, 2 NOVEMBER 2021** commencing at **10.00am**.

1. **APOLOGIES AND LEAVE OF ABSENCE**
2. **CONFIRMATION OF STATUS OF AGENDA**
3. **DISCLOSURES OF INTEREST** 5
 The Register of Interests document is attached for the Board's information.
4. **CONFIRMATION OF MINUTES** 10
 Meeting held on Tuesday, 21 September 2021.
5. **ACTIONS REPORT** 20
6. **REPORTS**
 - 6.1 Health & Safety Report *Verbal*
 - 6.2 Three Waters Governance Report -October 2021 23
 - 6.3 Te Kauwhata Wastewater Treatment Plant Update – October 2021 36
 - 6.4 Mana Whenua Forums 53
 - 6.5 Resource Consent Status Overview 58
 - 6.6 2022 Schedule of Meetings 69
7. **EXCLUSION OF THE PUBLIC** 71

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.
-

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.

Open Meeting

To	Waters Governance Board
From	GJ Ion Chief Executive
Date	27 October 2021
Prepared by	Matt Horsfield Democracy Advisor
Chief Executive Approved	Y
Reference #	GOV1301
Report Title	Register of Interests

1. EXECUTIVE SUMMARY

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. RECOMMENDATION

THAT the Register of Interests report be received.

3. ATTACHMENTS

Register of Interests – Waters 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
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 Interim Chief Executive Officer – Central Economic Development Agency
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 Caring for Communities Committee</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 Waipa District Council – Co-Governance Committee Waikato Regional Council – Co-Governance Committee Waikato River Authority Board Member
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

Open Meeting

To	Waters Governance Board
From	Gavin Ion Chief Executive
Date	27 October 2021
Prepared by	Matt Horsfield Democracy Advisor
Chief Executive Approved	Y
Reference #	GOV1301
Report Title	Confirmation of Minutes

1. EXECUTIVE SUMMARY

To confirm the minutes of the Waters Governance Board meeting held on 21 September 2021

2. RECOMMENDATION

THAT the minutes for the meeting of the Waters Governance Board held on Tuesday 21 September 2021 be confirmed as a true and correct record.

3. ATTACHMENTS

WGB Minutes – 21 September 2021

MINUTES for a meeting of the Waters Governance Board Meeting of the Waikato District Council held via audio-visual conference on **TUESDAY, 21 SEPTEMBER 2021** commencing at **10.05am**.

Present:

Ms R Schaafhausen (Chair)
Mr D Wright
Mr G Dibley
Mr GJ Ion (Chief Executive, Waikato District Council) [from 10:42am]
Ms J Colliar (Intern)

Attending:

Cr Patterson

Mr R MacCulloch (General Manager Service Delivery)
Ms C Nutt (Waters Contract Relationship Manager)
Mr K Martin (Waters Manager)
Mr C Bailey (Finance Manager)
Ms L Cillers (Management Account)
Mr M Horsfield (Democracy Advisor)

Mr M Telfer (Watercare)
Mr R Kumar (Watercare)
Ms S Danks (Watercare)

APOLOGIES AND LEAVE OF ABSENCE

Resolved: (Mr Wright/Mr Dibley)

THAT an apology for lateness be received from Mr Ion.

CARRIED

WGB2109/01

CONFIRMATION OF STATUS OF AGENDA ITEMS

Resolved: (Mr Dibley/Mr Wright)

THAT the agenda for a meeting of the **Waters Governance Board Meeting** held on **Tuesday, 21 September 2021** 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;

AND THAT the following item be discussed during public excluded:

- **Item 6.3 Waters Reform Engagement Period Feedback.**

CARRIED

WGB2109/02

DISCLOSURES OF INTEREST

Ms Schaafhausen declared an interest in Public Excluded Item 3.4 - Business Case – Tauwhare Pa Low Pressure Wastewater Pump Scheme as she had whaanau who lived at Tauwhare Pa. Ms Schaafhausen took no part in discussion and did not vote on this item.

CONFIRMATION OF MINUTES

Resolved: (Mr Wright/Mr Dibley)

THAT the minutes of a meeting of the **Waters Governance Board Meeting** held on **Tuesday, 10 August 2021** be confirmed as a true and correct record.

CARRIED

WGB2109/03

REPORTS

Actions Register Agenda Item 5.1

The report was taken as read and the following matters were noted:

- Te Kauwhata Water Take Consents Strategy – A scheduled meeting between Waikato District Council, Te Kauwhata Water Association and Waikato Regional Council had been delayed due to the lockdown. Waikato District Council would continue to be supported by Richard Bax Consulting.
- Investigation into forums held by other Councils for engagement with mana whenua - Waikato Tainui has requested further engagement and Council and Waikato Tainui were currently working out time commitments.

The Board had asked that the Iwi and Community Partnership Manager be present at the November 2021 meeting regarding the vision for engagement with mana whenua. It would be good to have mana whenua groups established. Concern noted on how long this item had been on the Actions Register.

The Chief Executive provided an overview of current engagement with mana whenua groups, such as Nga Muka with Te Kauwhata water developments. Ongoing conversations were taking place with Tainui O Tainui and Ngati Mahanga relating to the Raglan wastewater consent process. Questions were raised regarding Watercare linkages with Te Tiriti partners for design concepts, and what engagement was being undertaken. There had been significant involvement with the Meremere Wastewater Treatment Plant and Raglan wastewater consent.

Question raised whether the metro wastewater project design criteria flows across to other projects in the Waikato District, and whether there should be consistency with the metro wastewater project and other district projects.

ACTION: General Manager Service Delivery to review how the Metro Wastewater project and Waikato District Council's wastewater programmes could align regarding mana whenua engagement and design concepts.

- Draft Letter to the Minister – The letter had been drafted and sent to the Minister of Local Government, and the board would be meeting with the minister on Wednesday, 22 September 2021.
- Raglan Wastewater Plant Consent – Watercare had undertaken long term sampling to develop modelling for the consent, to understand the levels of non-compliance.

- Report relating to water leak detection would be discussed at the Board meeting scheduled for Tuesday, 2 November 2021.

Resolved: (Mr Wright/Mr Dibley)

THAT the report from the Water Contract Relationship Manager be received.

CARRIED

WGB2109/04

Three Waters Governance Report – September 2021

Agenda Item 6.1

Mr Telfer noted the following matters

One lost time injury had occurred within the last month, the first since December 2020. It was the result of production work during the cleaning of UV equipment. An employee's glove tore, leading to cuts on their hand which subsequently became infected. Watercare had reviewed what had occurred and noted poor accessibility to the equipment. Noted that there were no issues with the quality of the gloves used.

- There was a large incident at the Te Kauwhata Water Treatment Plant where the pipe from the plant to the reservoir failed. The repair was difficult due to the pipe location, but the team worked well to maintain separation and repair the pipe. There was no disruption to customers.
- Waikato River Turbidity Event – On Friday, 17 September 2021 there was a large turbidity event in the Waikato River. The Huntly Water Treatment Plant could not cope with the quality of the water and shut down as designed. The river is typically between 8-15 NTU (nephelometric turbidity units) however during this event the river spiked to 85 NTU and a manual test was undertaken which showed that the water was above 100 NTU.

The water that was processed impacted the four-log filters. The best result that could be achieved was 0.18 NTU, which is above the normal 0.1 NTU compliance measure. Watercare was allowed to go a three log system while managing the incident, as there was risk that the Huntly area would run out of water. The water reservoirs have increased and there was an expectation that the four log system will come back online and already Watercare was achieving 0.1 NTU levels with the current filtration. There was no impact to customers or water quality. Next stage would be a debrief on the incident and identify where the issue arose, and any changes that need to be made to the plant if it occurs again. Noted that Huntly Power Plant should be contacted if they were impacted and if they can help isolate the issue.

A full debrief will be provided at the November 2021 meeting and the Board thanked Watercare for their work during the incident.

Resolved: (Mr Wright/Mr Dibley)

THAT the report from the Waters Contract Relationship Manager be received.

CARRIED

WGB2109/05

Risk Register Update – September 2021

Agenda Item 6.2

The Water Manager noted the following matters:

- There were no incidents to cause the gross risk score to increase. The effects from COVID on the supply chain were identified as a new risk. Watercare had been planning for issues, such as logistics on freight and capital works projects, and the need to seek air freight. Logistics were a significant risk to projects, such as the Te Kauwhata Water Treatment Plant project. It was important to order items as fast as possible due to shipping delays.

ACTION: Report to come to the November Board meeting regarding the impact of supply constraints and the risks of delay and cost increases.

- Questions asked regarding health, safety and wellness risk, and minimum requirements for PPE for various jobs.

ACTION: Watercare Health & Safety representative to attend the November Board meeting to discuss Watercare Health & Safety plans, wellness and the effects of the lockdown and alignment alongside Waikato District Council.

- Noted that some items on the risk register, such as WLASS, could be removed and broader detail should be included for items such as the Raglan Wastewater Treatment Plant.

Resolved: (Mr Dibley/Mr Wright)

THAT the report from the Water Services Manager be received.

CARRIED

WGB2109/06

EXCLUSION OF THE PUBLIC

Agenda Item 7

Resolved: (Ms Schaafhausen/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
PEX Item 1 Confirmation of Minutes	Good reason to withhold exists under Section 6 or Section 7 Local Government Official Information and Meetings Act 1987	Section 48(1)(a)
PEX Item 2 Action Register		
PEX Item 3.1 Te Kauwhata Irrigation Association Incorporated Water Supply Agreement Update		
PEX Item 3.2 Audit of Three Waters Agreement		

PEX Item 3.3 Waters Financial Results to 31 August 2021		
PEX Item 3.4 Business Case – Tauwhare Pa Low Pressure Wastewater Pump Scheme		
PEX Item 3.5 Business Case – Ngaruawahia Water Treatment Plant Discharge Pipeline UV Installation		

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
PEX Item 1 Confirmation of Minutes		Refer to the previous Public Excluded reason in the agenda for this meeting.
PEX Item 2 Action Register		Refer to the previous Public Excluded reason in the agenda for this meeting.

PEX Item 3.1 Te Kauwhata Irrigation Association Incorporated Water Supply	7 (2) (b)	Protect Information where the making available of the information:
	7 (2) (b) (ii)	Would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information; or
	7 (2) (i)	Enable any local authority holding the information to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations); or
	7 (2) (j)	Prevent the discourse or use of official information for improper gain or improper advantage.
PEX Item 3.2 Audit of Three Waters Agreement	7 (2) (b)	Protect Information where the making available of the information:
	7 (2) (b) (ii)	Would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information; or
	7 (2) (j)	Prevent the discourse or use of official information for improper gain or improper advantage.
PEX Item 3.3 Waters Financial Results to 31 August 2021	7 (2) (b)	Protect Information where the making available of the information:
	7 (2) (b) (ii)	Would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information; or
	7 (2) (i)	Enable any local authority holding the information to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations); or
	7 (2) (j)	Prevent the discourse or use of official information for improper gain or improper advantage.
PEX Item 3.4 Business Case – Tauwhare Pa Low Pressure Wastewater Pump Scheme	7 (2) (b)	Protect Information where the making available of the information:
	7 (2) (b) (ii)	Would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information; or
	7 (2) (i)	Enable any local authority holding the information to carry on, without prejudice or disadvantage,

		negotiations (including commercial and industrial negotiations); or
	7 (2) (j)	Prevent the disclosure or use of official information for improper gain or improper advantage.
PEX Item 3.5 Business Case – Ngaruawahia Water Treatment Plant Discharge Pipeline UV Installation		Protect Information where the making available of the information:
	7 (2) (b)	Would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information; or
	7 (2) (b) (ii)	Enable any local authority holding the information to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations); or
	7 (2) (i)	Prevent the disclosure or use of official information for improper gain or improper advantage.
	7 (2) (j)	

AND THAT Mr Telfer, Mr Kumar and Ms Danks be permitted to remain at this meeting, after the public has been excluded, because of her 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

WGB2109/07

Resolutions WGB2109/08 to WGB2109/16 are contained in the public excluded section of these minutes.

Having resumed open meeting and there being no further business the meeting was declared closed at 12:32pm

Minutes approved and confirmed this

day of

2021.

Rukumoana Schaaflhausen
CHAIRPERSON

Open Meeting

To	Waters Governance Board
From	Carole Nutt Water Contract Relationship Manager
Date	26 October 2021
Prepared by	Matt Horsfield Democracy Advisor
Chief Executive Approved	Y
Reference #	GOV1301
Report Title	Actions Report

1. EXECUTIVE SUMMARY

To update the Waters Governance Board on actions arising from previous meetings.

2. RECOMMENDATION

THAT the Actions Report be received.

3. ATTACHMENTS

Actions Register

Waters Governance Board Actions Register

OPEN MEETING

Meeting Date	Action	To Action	When	Status
20/11/19	<p>The Board to be provided with:</p> <ul style="list-style-type: none"> ▪ The proposed Te Kauwhata water take consents strategy. 	Carole Nutt	Next update March 2022	<p>The water supply contract has been fully signed and is in place. WDC are working with TKWA to secure renewal of TKWA's water take consent</p> <p>Initial discussions have commenced on level of detail required for a consent application if Council are to submit our own water take consent.</p>
11/2/2019	Investigation into forums held by other Councils in respect of engagement with mana whenua. Iwi and Community Partnerships Manager, Sam Toka, to present the vision to the next meeting of the Board.	Sam Toka / Gavin Ion	September 2021 November 2021	A paper is on the agenda for the November meeting to provide the background to the establishment of four Mana Whenua Forums. Council has approved a total of \$50,000 per annum in funding to remunerate forums.
10/08/2021	Staff to report back to the board regarding the costs of increasing the frequency of volumetric water billing and include the off-set costs due to the reduction of water leak write offs and other hidden costs.	Carole Nutt	October 2021	Paper included in November meeting
21/09/21	<p><u>MetroWaste Project</u> General Manager Service Delivery to review how the Metro Wastewater project and WDC's wastewater programmes could align regarding mana whenua engagement and design concepts.</p>	Roger MacCulloch	November 2021	Further information has been requested on the regional framework/mana whenua engagement plan that is being promoted in the Hamilton Waikato Metro wastewater detailed business case and how this links in with and gives effect to the Vision and Strategy for the river.

Waters Governance Board Actions Register

Meeting Date	Action	To Action	When	Status
21/09/21	<u>Risk Register</u> Report to come to the November Board meeting regarding the impact of supply constraints and the risks of delay and cost increases.	Watercare	November 2021 December 2021	Investigation has commenced and information is planned to be provided for the December meeting
21/09/21	<u>Watercare Health & Safety Representative</u> Watercare Health & Safety representative to attend the November Board meeting to discuss Watercare Health & Safety plans, wellness and the effects of the lockdown and alignment alongside WDC.	Watercare	November 2021	Presentation included in November meeting

Open Meeting

To	Waters Governance Board
From	Carole Nutt Waters Contract Relationship Manager
Date	20 October 2021
Prepared by	Watercare Services Ltd
Chief Executive Approved	Y
Reference #	WGB2021
Report Title	Three Waters Governance Report - October 2021

I. EXECUTIVE SUMMARY

The Three Waters Governance Report prepared by Watercare Services Ltd for October 2021 is attached for the Board's information.

2. RECOMMENDATION

THAT the Three Waters Governance Report - October 2021 be received.

3. ATTACHMENTS

- Attachment 1 - Waikato District Council Three Waters Governance Report – October 2021

WAIKATO DC THREE WATERS GOVERNANCE REPORT

OCTOBER 2021



Mathew Telfer
Operation Manager
Watercare Waikato
October 2021

1. Highlights and lowlights

- There were no recordable injuries or lost time in September.
- The construction of the Meremere plant is progressing well as the construction phase nears completion, with the commissioning continued in September and, although disrupted, was maintained during the lockdown. Due to border crossing constraints, our plant operator Rhiannan Rollitt was required to act on behalf of Apex and continue testing and managing the process changes. This was critical to continue establishing biomass of the seed sludge being made ready for the next step of membrane installation. Potentially one month of commissioning time could have been lost had the seed sludge failed and had to be dumped.
- There were two performance measures not achieved in September, although the year-to-date performance was achieved. A focus will be placed on these areas next month to ensure the measures are achieved.
- A challenging month for the production team, with a number of failures and weather events impacting operations. The team managed the events with the support of the Networks team and ensured there was no impact or outages for customers.

2. Health & Safety

- There was no Lost Time Injury (LTI) and 0 Restricted Duties Injury (RDI) involving Watercare employees in September.
- There were zero recordable injuries involving contractors in September.
- The 12-month average Lost Time Injury Frequency Rate (LTIFR) for employees is 3.56 per million hours, under our target of ≤ 5 .
- The 12-month average Total Recordable Injury Frequency Rate (TRIFR) for employees is 3.56 per million hours, under our target of ≤ 20 .
- There has been a focus on driving performance due to unacceptable speed events, which has shown a dramatic improvement. The message to the team has been clear that there is zero-tolerance for speeding.

Figure 1: LTIFR Values

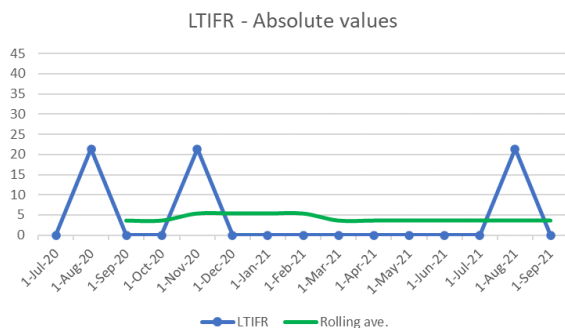
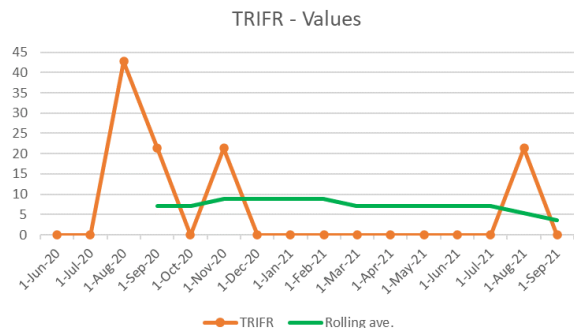


Figure 2: TRIFR Values



3. Key Performance Indicators – September

There were two performance measures not achieved in September, although the year-to-date performance was achieved. A focus will be placed on these areas next month to ensure the measures are achieved.

4. Operational

September was a challenging month for the production team with several events. The production team managed each event professionally, with the support of other teams, resulting in no impact/outage to customers.

COVID Actions and impacts

Wastewater samples were collected as requested from Springhill #2 Pump Station and TeKauwhata WWTP and sent to ESR for COVID testing. This is due to a suspected Covid case at the Corrections Facility. Due to COVID precautions, the allocation of the Production team staff to specific plants has been extended to minimise travel across the region.

Operational checks for Port Waikato and Onewhero WTP have been dedicated to one operator with a second operator as a backup. Staff living in Auckland are generally working from home unless required in the Waikato for essential work. A general reminder has been sent to all staff to maintain high standards of hygiene at all times.

Huntly WTP Incident

On 16 Sept 2021, a turbidity spike (High colour and organics) at Huntly WTP from the Raw water source (Waikato river) caused the plant to shut down as turbidity in the clarifier and filters increased to Hi-Hi levels. Water quality compliance was maintained at all times during the incident.

Te Kauwhata WTP

The actuator on the main inlet valve to the plant failed on 27 September. McKay Electrical was called out but was unable to source replacement parts that night. The plant shut down overnight due to concerns about operating an unfamiliar manual mode during the night. The plant restarted at the first opportunity the following day. The on-site reservoir levels were low, and tanker deliveries were required to ensure no loss of supply to customers.

Complex Meter Project – Due to Covid restrictions, CityCare could only carry out work in the last week of September. However, they were still able to complete 5 meter splits in Huntly.

Ridermain Installation – Marine Parade, Raglan – Business Case approval for the installation of an extension for a 40mm ridermain was completed in Sept. Works were due to commence by Allen's United in the final week of Sept, but unfortunately, due to Covid restrictions, these works have been delayed slightly. It is expected these works will be completed by the end of October.

Meremere WWTP

We continue to have “Time Bypass” discharges due to HiHi level’s in the reduced size pond. The discharges continue until the pond returns to the normal operational level. Heavy rain events are the primary cause of the bypass events. This will continue until the Meremere plant is fully commissioned in November, when the new consent will be in place.



Meremere Wet Land construction site flooding 24/09/2021

4.1 Stormwater

Watercare presented to the DIA Stormwater steering group and received positive feedback. This was a ‘lessons learned’ summary about WDC’s Watercare contract transition to assist the steering group with their water reform decision-making processes.

The main points being;

- Lots of interaction and collaboration is needed even if SW is managed separately from District Councils
- Delineation can be difficult to define when assets have multiple purposes
- The need to move to a pro-active management system
- No National standards for SW design
- Enforcement powers and resource consent ownership will need consideration

Current Raglan abatement notice work is still ongoing. We are awaiting feedback from WRC since they provided a letter that legalised the pipe in 2006, which suggests their previous response needs to be revised. This may enable option 2 to be constructed (combination of pipe and open channel).

Raglan Stormwater sediment sampling has been delayed due to a testing error in the laboratory. We are awaiting preliminary results to ascertain if the road runoff is causing detrimental effects within the harbour.

Watercare presented the SW conference debrief to Waipa DC, which summarised aspects of the conference. The presentation was well-received.

We are currently working through the 2020-2021 annual SW report for WRC.

Stantec has commenced assisting Watercare's SW deliverables being:

- Level of service
- Mapping of SW systems
- Finalising the design guideline (including delineation and vesting)

5. Planning and Project Delivery

5.1 Planning

There are several work packages for the Watercare Professional Engineering services panel in progress, including.

- Raglan WS model system performance assessment – have finalised with WDC population data and commenced system performance analysis.
- The Raglan WW model - has been finalised with WDC population data and commenced system performance analysis.
- The Central Waikato WS model calibration is complete; system performance assessment is underway, has finalised with WDC population data.
- Installation of permanent rain gauges in WDC's townships is completed for all six sites. The remaining task is to connect to SCADA system, COVID restrictions have paused this work.
- A modelling assessment of the timing of water infrastructure upgrades for Te Kauwhata has been undertaken; this was in response to the rapid development rate being experienced and concern our minimum levels of service may not be met in certain locations.
- Concept Design of proposed Washer Rd WW pump station.

Internally staff worked on/with:

- We are working with Watercare's Auckland staff on the Infor asset management system.
- The implementation of Pokeno dairy factories monitoring and control panels will continue when Covid restrictions allow.
- Preparation work for the Tuakau WS model update.

5.2 Development/Growth:

- We continue to work with WDC GIS team on spatial modelling of the latest population growth model.
- River Road North development agreement is close to being completed by WDC, Watercare has assisted in this effort.
- Interactions continue with the potential developers in Te Kowahi East &, Whangarata Business Park.
- Further discussions with Washer Rd Horotiu Developer revolving around WW pump station is required to service the area.

5.3 Project delivery

- SCADA system upgrade – As-Built drawings are still progressing. Neo is reviewing all As-Builts submitted by McKay, and this portion of the project is nearing completion.
 - Three further Functional Descriptions (FD) for the Franklin sites have been submitted by Neo and are presently under review by Watercare.
 - The control system and electrical designs for package six have been approved and is expected to be delivered by 11/10/21.
- The design of the Ngāruawāhia Esplanade pipeline main across the bridge is complete; the remaining stages are due to complete concept design October; The project forms the main part of the current wastewater network upgrades programme. Strategic alignment was confirmed with the Hamilton City, Waipa, and Waikato District Council joint *Metro Wastewater Strategy*. A project presentation is being prepared for the WDC Water Board.
- The Meremere Wastewater Membrane Bioreactor Plant is operating and is undergoing process performance testing. (construction progress is detailed below)
- Whangamarino WTP Upgrade and the Te Kauwhata Reservoir Upgrade construction has commenced.
- The design of the Tuakau Interceptor Pump Station Upgrade is being finalised; this project enables increased dairy flows and growth from Pokeno as well as servicing flows from Whangarata Business Park.
- The Pokeno to Tuakau pipeline concept design will be completed in November, and the detailed design will follow. An independent assessment has provided an estimated scheme cost which is higher than the initial estimate. A presentation will be given at the next board meeting to update the board on the concept design and discuss the project's strategic position in the catchment.

Pond Desludging (DIA)

Pond desludging has removed 1,154 tonnes of the total 4,707 tonnes of dry solids at Huntly WWTP. The operation is now deployed at Ngāruawāhia WWTP.

Network Renewals

- Raglan: For the sites in Raglan and the pipe installation is complete, testing and service preparation is underway.
- Ngāruawāhia: The new pipelines in Ngāruawāhia, Galbraith St and Waipa Esplanade are complete. Connections are being planned to bring the new Waingaro Rd main into service.
- Huntly: The Hakanoa Street main is in service. The pipe installation is underway in Harris Street.

Infrastructure Delivery Treatment Plant Upgrade Programme

- Raglan WTP Upgrade – Procurement complete. The construction contract was awarded in October once it was confirmed the Covid level would not create cost escalations.
- Ngaruawahia WTP Upgrade – The works will be tendered in October
- Te Kauwhata WWTP Phase 1 upgrade – Spartan contractors have commenced works on site. There have been further covid related delays.
- Te Kauwhata WWTP Phase 2 – The order for the MABR has been placed with Suez, and Stage 2 design will be complete in November. The Mangere MABR trial is progressing
- Ngaruawahia WWTP – A draft 5 -yearly Treatment review report has been delivered and is being reviewed.

- Raglan WWTP – Concept design for Tertiary membrane is progressing
- Biosolids Strategy – Work has commenced, and the strategy will be delivered in February.

6. Compliance

- All September compliance reports for Drinking Water and Wastewater are due to be submitted to Wai-comply and Waikato Regional Council during the second week of October 2021.
- Quarterly compliance surveys for Q3 2021 were completed in DWO, and a compliance meeting with DWA-Wai Comply was scheduled for 14th October 2021.
- Huntly WTP turbidity incident on 18th September 2021- Operational changes have been implemented at the Huntly WTP over the period in response to the changes in raw water quality from the Waikato River. The changes have been made to allow the plant to operate on 6 log removal of protozoa as per section 5.4, achieving 3 log and further 3 log by meeting the requirements of section 5.16 UV. The plant has now returned to 7-log removal of protozoa as per section 5.4, achieving 3-log, section 5.8 achieving 1-log, and section 5.16 achieving 3-log.
- Huntly distribution high Lead (Pb) notification received from the lab for the sample collected on 02/10/21. 3-day follow-up sampling was organised with the lab, and WSL notified DWA of the event. The WSL Ops team completed the flushing of the networks, and all follow-up samples returned Pb results below the DWSNZ MAV limits. Watercare has requested the lab to flush the sampling tap longer before collecting any plumbosolvency-related samples. EIR to be finalised and submitted to the DWA.
- 2020-21 Wastewater discharge consents Annual Reports were submitted to WRC on 30 September 2021.

6.1 Abatement notices

Meremere WWTP abatement resolution

The Meremere WWTP membranes have been installed, soaked, and then commissioned. The plant is operating, producing clear permeate, and undergoing process performance testing. Treatment performance is being measured against the new consent limits.



Sinap Flat sheet membranes



Membrane live air scour testing

Te Kauwhata WWTP

A capital solution is currently in design to address the abatement notice.

The upgrade project will be delivered in 3 phases to ensure the plant is compliant in the shortest possible timeframe.

It is expected that phases 1 and 2 will be completed in mid-2022.

Raglan stormwater

The Raglan stormwater Discharge Consent has an Abatement Notice for the 2018/2019 compliance period highlighting non-compliances.

The main issue is:

- Flooding at Cambrae Road – awaiting WRC response to proposed option 2.

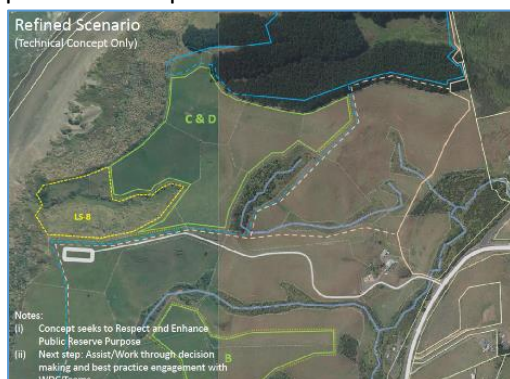
7. Customer

Covid 19 Level 3 – 2 from the previous month Level 4 Lockdown, this has seen a mix of estimate and actual reads obtained for Final and 6 Monthly invoicing. Arthur D Riley water meter reading contractors resumed reading meters once areas were within Level 3.

8. Strategic Resource Consents

Raglan WWTP resource consent application

- A public update was provided on September 2021. The purpose of the update was to cover subsurface drip irrigation (SDI) progress. Seasonal SDI is the single discharge option being investigated and the most complex. It has significant favour with mana whenua and with most key stakeholder groups.
- SDI within public reserves has made this discharge option feasible for other Councils in terms of accessibility and affordability.
- Wainui Reserve provides this theoretic part solution, where there are key locations within the reserve where SDI will have:
 - minimal impact on any public use and;
 - would serve to enhance advantageous outcomes that the reserve will strive to meet.
- The image below highlights this concept, where it shows that any irrigation field development could help facilitate additional car parking and horse treks.
- The slide image was part of the information distributed to keep everyone aware of upcoming key decisions needed from the Council and the community if this concept is to be realised. The consenting technical team, property team, and reserve are working through a strategy to present this option with recommendations.



Key Performance Indicators

<i>KPI – description</i>	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). (Number of zones that comply, maximum 18)</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). (Number of zones that comply, maximum 15)</i>	15	15
<i>Where Council attends a call-out in response to a fault or unplanned interruption to its networked reticulation system, the following median response times measured: - Attendance for urgent call-outs: from the time that Council receives a notification to the time that service personnel reaches the site.</i>	September - 66 July 2021 – September 2021 Result - 32	≤ 60 mins
<i>Where Council attends a call-out in response to a fault or unplanned interruption to its networked reticulation system, the following median response times measured: - 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>	September - 148 July 2021 - September 2021 Result - 109	≤ 120 mins
<i>Where Council attends a call out in response to a fault or unplanned interruption to its networked reticulation system, the following median response times measured: - Attendance for non-urgent call-outs: from the time that Council receives a notification to the time that service personnel reaches the site</i>	September - 1 July 2021 - September 2021 Result - 1	≤ 3 days
<i>Where Council attends a call out in response to a fault or unplanned interruption to its networked reticulation system, the following median response times measured: - 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>	September - 1 July 2021- September 2021 Result - 1	< 3 days

<p><i>The total number of complaints received by Council about any of the following (expressed per 1000 connections to the networked reticulation system):</i></p> <ul style="list-style-type: none"> - Drinking water Quality - Drinking water pressure or flow - Continuity of supply <p><i>- The local authority's response to any of these issues</i></p>	<p>September – 0.56</p> <p>July 2021 - September 2021 Result – 4.18</p>	<p>≤ 22/1000</p>
Wastewater		
<p><i>The number of dry weather sewage overflows from Council's system is expressed per 1000 sewage connections to that sewage system.</i></p> <ul style="list-style-type: none"> - Non-sensitive receiving environments 	<p>September – 0.08</p> <p>July 2021 - September 2021 Result – 0.08</p>	<p>≤ 2/1000</p>
<p><i>The number of dry weather sewage overflows from Council's system is expressed per 1000 sewage connections to that sewage system.</i></p> <ul style="list-style-type: none"> - Sensitive receiving environments 	<p>September - 0</p> <p>July 2021 - September 2021 Result - 0</p>	<p>≤ 2/1000</p>
<p><i>Where Council attends to sewage overflows resulting from a blockage or other fault in its sewage system, the following median response times measured:</i></p> <ul style="list-style-type: none"> - Attendance time: from the time that Council receives a notification to the time that service personnel reaches the site. 	<p>September - 45</p> <p>July 2021 – September 2021 Result - 34</p>	<p>≤ 60 mins</p>
<p><i>Where Council attends to sewage overflows resulting from a blockage or other fault in its sewage system, the following median response times measured:</i></p> <ul style="list-style-type: none"> - Resolution time: from the time that Council receives a notification to the time that service personnel confirms resolution of the blockage or other fault. 	<p>September – 141</p> <p>July 2021 – September 2021 Result – 139</p>	<p>≤ 240 mins</p>
<p><i>The total number of complaints received by Council about any of the following (expressed per 1000 connections to the sewage system):</i></p> <ul style="list-style-type: none"> - Sewage odour - Sewage system faults - Sewage system blockages <p><i>- Council's response to issues with its sewage system</i></p>	<p>September – 0.63</p> <p>July 2021 – September 2021 Result – 1.59</p>	<p>≤ 10/1000</p>

	<i>Stormwater</i>	
<i>The number of Stormwater flood/blockage events that affected habitable floors (expressed per 1000 connections):</i>	September – 0 July 2021 – September 2021 Result – 0	< 5
<i>The total number of complaints received by Council about the performance of the stormwater system (expressed per 1000 connections):</i>	September – 0.07 July 2021 – September 2021 Result – 0.35	< 1.25
<i>Level of compliance, number of the following, Abatement, infringement notices, enforcement orders or convictions</i>	2020/21 - 0 (1 Abatement from 2018/19)	0
	<i>Health and Safety</i>	
<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%

Open Meeting

To	Waters Governance Board
From	Carole Nutt Waters Contract Relationship Manager
Date	18 October 2021
Prepared by	Watercare Services Ltd
Chief Executive Approved	Y
Reference #	WGB2021
Report Title	Te Kauwhata Wastewater Treatment Plant Update - October 2021

1. EXECUTIVE SUMMARY

A power point presentation on the Te Kauwhata Wastewater Treatment Plant is attached and will be presented to the Board to provide an update of the upgrade progress, options, and discharge consenting programme.

2. RECOMMENDATION

THAT the Te Kauwhata Wastewater Treatment Plant Update - October 2021 report be received.

3. ATTACHMENTS

- Te Kauwhata WWTP WGB Update October 2021

Te Kauwhata WWTP WGB Update October 2021

Operational Compliance – TKWWTP



	cBOD5	Total Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	E. coli	OutflowMin	OutflowAvg	OutflowMax	OutflowTotal	InflowMin	InflowAvg	InflowMax	InflowTotal	TN Load	TP Load
Jul-21	46,000	35,100	35,000	3,270	14,000		789.8	1253.1	1837.9	38846.6	744.3	990.4	2794.7	30702.7	4.1	17.5
Aug-21	8,400	33,000	33,000	5,640	15,500		890.2	1140.4	1433.2	35352.9	753.2	904.7	1288.3	30836.1	6.4	18.0
Sep-21	11,000	36,000	36,000	4,620	15,500		928.3	1462.2	1941.9	43867.4	858.6	1255.4	3127.8	37662.2	6.8	23.1

E. Coli have also exceeded median levels regularly

No significant have yet been noticed as no upgrade works have yet been implemented

Interim Plant Upgrades

Phase 1 – UV disinfection – completion February 2022

- Contractor on site
- All equipment on site
- Covid related delays – piles , spiral drillers , Level 3 working conditions
- Site Supervision

Phase 2 – MABR – completion April 2022

- MABR ordered – SS arrived in Auckland for fabrications
 - Screens ordered – December arrival
 - Design Complete November
 - The expected costs to completion are now firming up and potential to utilise risk allocation is reducing
 - Power supply upgrade commenced
-
- Phase 2.2 UF Capex submitted for approval

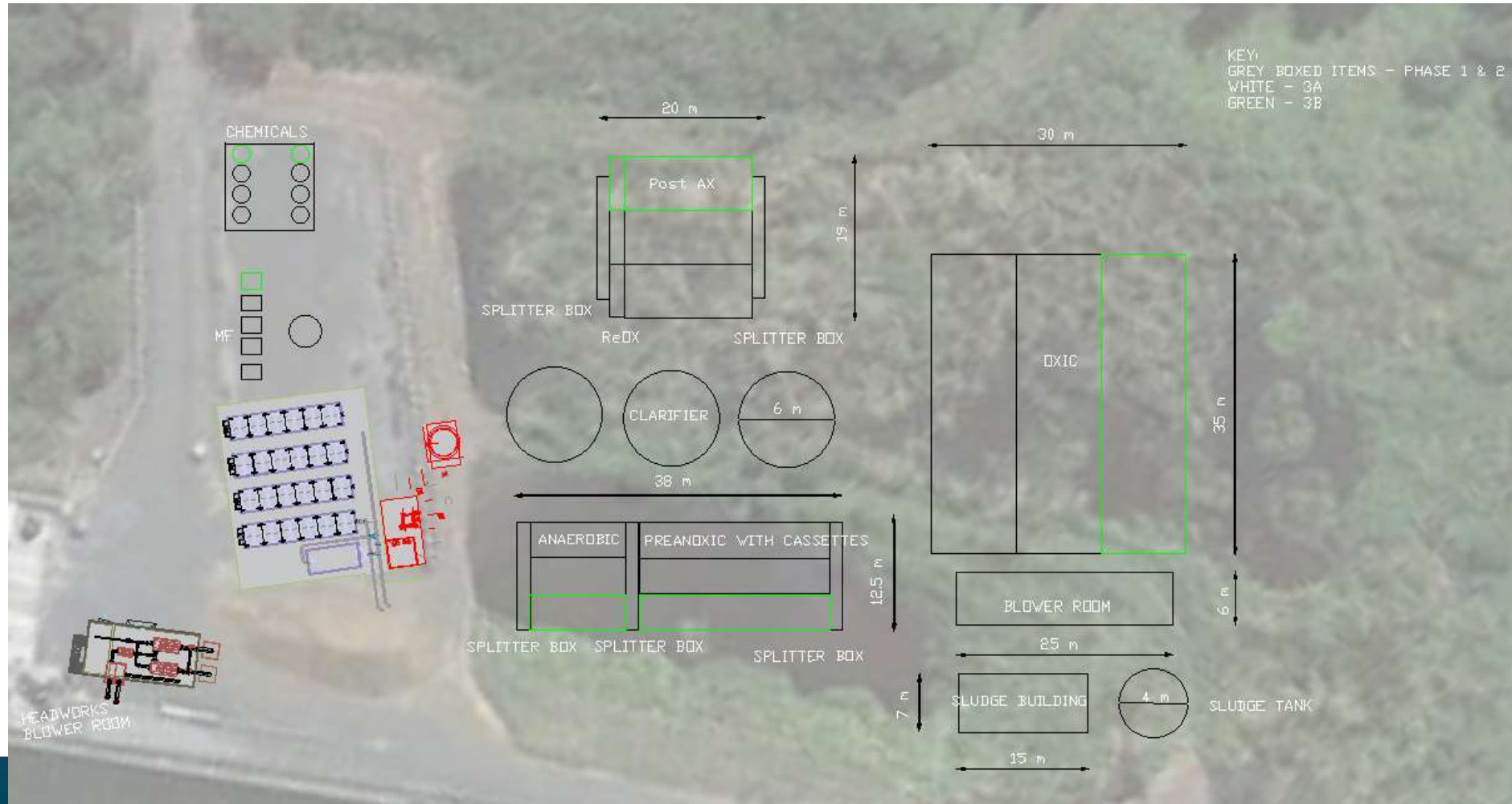
Ultimate upgrade – Phase 3

- Pre concept design has been developed and three options have been taken to costing
- Sized for 50 year growth forecast

Option 1 – Pure Biofilm



Option 2 – Hybrid MABR Activated Sludge System



Option 3 – low MLSS



Ultimate Plant TKWWTP

- All three options have been costed to a high level and currently are higher than AMP funding allowance
- Further work to reduce costs ongoing
 - Staging plant construction – current growth assumptions higher than the HIF assessment
 - Centralised sludge handling
 - Recognition of cost escalations over last 6 years

MABR Trial

- MABR module has arrived and is insitu at the innovation centre at MWWTP
- New Membrane has arrived form Europe
- Trial is progressing well and ammonia / nutrient removal is as expected
- UF will be required at TKWWTP as the amount of sediment removal from MABR is minimal.
- Staff are becoming confident with the process. This knowledge will be vital when commissioning the TKWWTP Plant in 2022

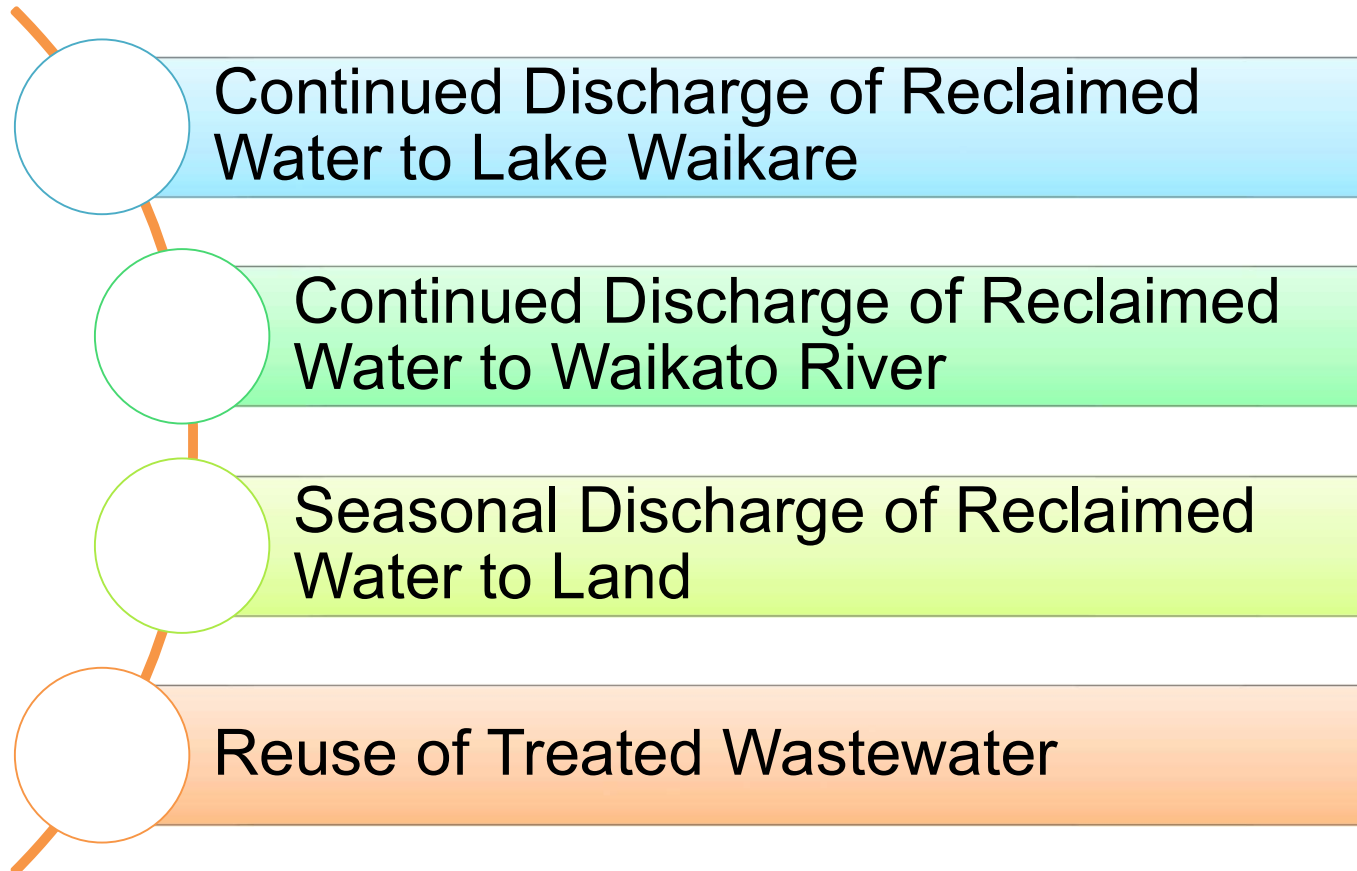


Consenting Programme

The aim of the project is to identify the best practicable option to provide wastewater services for the Te Kauwhata community. In doing this we aim to:

- Contribute towards the protection and restoration of the health and wellbeing of the Waikato River catchment
- Recognise and uphold the cultural values of mana whenua
- Retain flexibility and adaptability for future, sustainable, long-term solutions
- Keep the overall costs of service to affordable levels
- Contribute towards greenhouse gas emission reduction targets
- Keep communities healthy
- Reclaimed water objective needed
- Accommodate growth

Discharge options



Continued Discharge to Lake Waikare

1. Investigations

- Contribution of the existing discharge to the water quality of the Lake (assess catchment nutrient loads)
- Ecological sensitivity of the Lake
- Effects on the relationship of Māori and their culture and traditions with their ancestral lands, water, sites, waahi tapu and other taonga
- Potential effects on social and community

2. Environmental Effects

- Effects on Lake eutrophication levels – will removing the discharge make a difference?
- Effects of the level of contaminants entering the surface water bodies and their potential risk on human health
- Nutrient effects on algae growth and excessive growth of nuisance aquatic plants

Discharge to Waikato River

1. Investigations

- New discharge – requires hydrodynamic modelling of dilutions and downstream effects
- Need to demonstrate moving of a discharge from one location to another (Plan Change 1 recognises this)
- How will the discharge occur? New structure may be as difficult to consent as the discharge
- Effects on the relationship of Māori and their culture and traditions with their ancestral lands, water, sites, waahi tapu and other taonga
- Potential effects on social and community
- Conveyance routes between WWTP and the Waikato River

2. Environmental Effects

- Contribution towards meeting Plan Change 1 targets
- Human health effects – need for Quantitative Microbial Risk Assessment
- Nutrient effects on algae growth and excessive growth of nuisance aquatic plants

Discharge to Land

1. Investigations

- Assess whether further land investigation is required
- Identification of groundwater and surface water receptors
- Regional hydrogeological setting and nearby water bores
- Groundwater flow and level in the site
- Treated wastewater quality and potential for soil contamination
- Effects on the relationship of Māori and their culture and traditions with their ancestral lands, water, waahi tapu and other taonga.
- Potential effects on social and community

2. Environmental Effects

- Degradation of soil structure due to high moisture content for a prolonged period
- Effects of organic materials in the soil and odour generating potential due to anaerobic conditions
- Prolonged soil wetness effects and risks for ponding
- Effects of the level of nutrients and pathogens in soil and their potential losses by overland flow
- and leaching to ground water

Reuse of Treated Wastewater

Investigations

- Potential for beneficial reuse of treated wastewater for outdoor water use
- Potential for beneficial reuse of biosolids
- Reuse of treated wastewater to irrigate farmland
- Investigating the long term viability of reuse

Open Meeting

To	Waters Governance Board
From	Gavin Ion Chief Executive
Date	11 October 2021
Chief Executive Approved	Y
Reference #	GOV1318
Report Title	Mana Whenua Forums

1. EXECUTIVE SUMMARY

Council has approved in principle the establishment of Mana Whenua Forums, but Waikato-Tainui has requested more detail before the forums proceed.

The purpose of this report is to provide an update on Mana Whenua Forums within the region of Waikato District Council. The establishment of Mana Whenua Forums is to lift the level of engagement with Mana Whenua, provide a solid foundation for an ongoing relationship and to connect with an important part of our community.

2. RECOMMENDATION

THAT the Mana Whenua Forums report be received.

3. BACKGROUND

In 2020 the Iwi and Community Partnership Team drew up a draft plan, indicating a potential way that Mana Whenua Forums could work. The draft suggested splitting Waikato District into four sections to identify the various Maaori groups within the area. They would be identified as Mana Whenua Forums in the North, the South, the East, and the West.

4. DISCUSSION AND ANALYSIS OF OPTIONS

4.1 DISCUSSION

Mana Whenua options:

North

The Northern boundary would incorporate Maaori groups from Meremere, Mercer, Pokeno, Tuakau, Waiuku and back to Port Waikato and Whangamarino district, which is Rangiriri, Te Kauwhata and surrounding district.

It is suggested the area is broken up into 3 clusters for representation:

- Cluster 1. Incorporating river marae and hapuu from Tuakau and up to Port Waikato.
- Cluster 2. Incorporating marae and hapuu in Rangiriri, Hampton Downs, Meremere, Mercer and Pokeno.
- Cluster 3. Ngaa Muka Development Trust which is made up of 5 maraes within the surrounding area covering Whangamarino, Rangiriri, Ohinewai and Te Kauwhata.

South - *Consideration for the South*

The Southern Boundary incorporates Marae and hapuu groups from Huntly to Ngaaruawaahia and Horotiu.

East - *Consideration for the East*

The eastern boundary covers Gordonton and the surrounding district through to Tamahere and Tauwhare.

West - *Consideration for the West*

The Western boundary covers Te Kowhai, Whatawhata, Waingaro, Te Akau, Whaingaroa (Raglan) and the surrounding area.

Engagement

The idea of Mana Whenua forums has been discussed with Waikato-Tainui formally and informally. It has also been raised in several discussions with mana whenua groups. WDC engaged and informed Ngaa Marae Toopu which is a group consisting of kaumaatua (elder from all Waikato marae). Over a period of 2 months, representatives from various hapuu and marae within the district plus three marae cluster groups, along with Waikato Tainui were all consulted. Out of the 23 representatives only one disagreed with Mana Whenua Forums and one was uncertain. In June 2020 Waikato-Tainui corresponded with Waikato District Council and recommended that the area be broken into North, South, East and West.

Mana Whenua Forums were discussed with Council twice and Council approved the establishment of Mana Whenua Forum.

4.2 OPTIONS

This report is for information. The bulk of the information contained in this report has already been shared with the Committee and is recirculated for completeness.

5. CONSIDERATION

5.1 FINANCIAL

Consideration will need to be given to some form of compensation or reimbursement reflecting the time and effort involved in attending regular Mana Whenua Forum meetings. To this end, a report has been drafted for the Strategy & Finance Committee drawing on examples from other councils.

5.2 LEGAL

The Local Government Act requires local authorities to specify how they plan to involve Maaori in decision making.

5.3 STRATEGY, PLANS, POLICY AND PARTNERSHIP ALIGNMENT

WDC has a legal obligation to involve Maaori in decision making and therefore it is critical that this happens for strategies, policies, and plans.

Over the past few years, WDC has been building stronger relationships with Maaori although the focus has been at the Iwi level rather than hapu and mana whenua. This is a gap in our current processes which the forums are looking to fill.

Strong relationships with Maaori will benefit WDC, Maaori and the community at large. It is very much in the spirit of liveable, thriving and connected communities.

5.4 ASSESSMENT OF SIGNIFICANCE AND ENGAGEMENT POLICY AND OF EXTERNAL STAKEHOLDERS

(Ascertain if the Significance & Engagement Policy is triggered or not and specify the level/s of engagement that will be required as per the table below (refer to the Policy for more detail and an explanation of each level of engagement):

Highest levels of engagement	Inform	Consult	Involve	Collaborate	Empower
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Tick the appropriate box/boxes and specify what it involves by providing a brief explanation of the tools which will be used to engage (refer to the project engagement plan if applicable).</i>	This report is about engagement with Maaori and sits in the collaboration and partnership space.				

State below which external stakeholders have been or will be engaged with:

Planned	In Progress	Complete	
			Internal
			Community Boards/Community Committees
	✓		Waikato-Tainui/Local iwi (provide evidence / description of engagement and response)
			Households
			Business
			Other Please Specify

Discussions have been held with Waikato-Tainui directly and through the Joint Management Agreement (JMA) Committee. In determining the composition of the mana whenua forums, engagement has been undertaken with mana whenua and hapuu.

Staff engaged and informed Ngaa Marae Toopu which is a group consisting of kaumaatua (elders from all Waikato marae). Over a period of 2 months, representatives from various hapuu and marae within the district plus three marae cluster groups, along with Waikato Tainui were all informed. Out of the 23 representatives only one disagreed with the idea of Mana Whenua Forums and one was uncertain. In June 2020 Waikato-Tainui corresponded with Council and recommended that the area be broken into North, South, East, and West.

6. CONCLUSION

The purpose of this report is to provide an update on the progress of this proposal. Waikato-Tainui is keen that this initiative proceeds.

7. ATTACHMENTS

A list of Mana Whenua groups that WDC informed.

Mana Whenua Forums
Engagement Data
2020

Name	Marae / Hapuu / Trust	Position	View
Glen Tupuhi	Nгаа Muka Development Trust (<i>Cluster</i>)	Chair	Support
Hori Awa	Waahi Whaanui Trust	CEO	Support
Tawera Nikau	Matahuru Marae	Trustee	Support
Kay Davis	Okarea Marae	Trustee	Support
Jackie Colliar	Taniwha Marae	Chair	Support
Rereokeroa Shaw	Te Kotahitanga Marae	Trustee	Support
Linda Tomuli	Horahora Marae	Marae Rep	Support
Kimai Huirama	Nгааati Tamainupoo Trust	Chair	Support
Kawe Nikora	Hukanui-a Muri Marae	Trustee	Support
Warahi Paki	Mangatangi Marae	Chair	Support with questions
Tahi Roberts	Waikeri Marae	Marae Rep	Support
Nanaia Rawiri	Nгаа Taniwha o Waikato (<i>Port Waikato Cluster</i>)	Representative	Support
Brad Totorewa	Nгаа Marae Toopu	Chair	Informed Only
Donald Turner	Taupiri Marae	Chair	Support
Dennis Kirkwood	Nгааati Tamaoho Iwi Trust	Chair	Not supportive
Taruke Thomson	Poihakena Marae	Representative	Support
Milton Ngarue	Te Papa o Rotu Marae	Chair	Will get back to me
Lisa Gardener	Nгааati Hauaa Trust	Manager	Iwi in 2 minds
Kaumaatua (<i>Elders</i>)	Nгаа Marae Toopu	Kaumaatua Forum	Presentation only
Parekawhia McClean	Te Whakakitenga Chair	Chair	Informed Only
Warren Williams	Nгаа Uri o Maahanga (<i>Cluster</i>)	Chair	Support

Open Meeting

To	Waters Governance Board
From	Carole Nutt Waters Contract Relationship Manager
Date	20 October 2021
Chief Executive Approved	Y
Reference #	WGB2021
Report Title	Resource Consent Status Overview

1. EXECUTIVE SUMMARY

This report is to update the Board on the position of the Resource Consents across the three waters at Council including compliance status as assessed by Waikato Regional Council in 2020-21 largely for the 2019-20 reporting period. There are three abatement notices and three formal warnings currently in place. The abatement notices are related to the period before commencement of the Watercare contract.

2. RECOMMENDATION

THAT the Resource Consent Status Overview report be received.

3. DISCUSSION

Waikato District Council owns numerous discharge to water, discharge to land and water take consents to allow the operation of the water, wastewater and stormwater networks. Treatment plant consents are in place at the following locations:

Treatment Plants	Water Take Consent	Wastewater Discharge Consent
Huntly	●	● F
Ngaruawahia	●	● F
Raglan	●	● F
Te Kauwhata	●	● A
Te Akau	●	-
Port-Waikato	●	-
Onewhero	●	-
Meremere	-	● A
Maramarua	-	●
Matangi	-	●
Tauwhare	-	●
Te Kowhai	-	●

A = Abatement notice in place
F = Formal warning in place

Other than one outstanding item on the Raglan urban stormwater to waterways discharge consent, the significant non-compliances all relate to wastewater. A summary of all consents is shown in the attached tables.

3.1 ABATEMENT NOTICES

Resolving non-compliances in relation to abatement notices at the Te Kauwhata and Meremere wastewater treatment plants and Raglan urban stormwater has been a strong focus in the Watercare contract works to date. A summary per abatement notice is below and further information on the work at these locations can be found in the regular Watercare Governance Reports.

- **Meremere** - The wastewater treatment plant membranes have been installed, soaked and then commissioned. The new plant is operating producing clear permeate and is undergoing process performance testing. Treatment performance is being measured against the new consent limits. The plant is expected to be fully operational and in compliance with consent by December 2021.
- **Te Kauwhata** - A capital solution is currently in design to address the wastewater abatement notice. The upgrade project will be delivered in 3 phases to ensure the plant is compliant in the shortest possible timeframe. Phases 1 and 2 will be completed by the end of 2022 and bring the plant back into compliance.
- **Raglan** - A dedicated stormwater engineer was employed by Watercare that has seen a focus on stormwater matters and improvement including resolving all but one of the Raglan stormwater non-compliances. The outstanding item relates to flooding at Cambrae Road. We are awaiting a response from Waikato Regional Council regarding a proposed solution to a complex problem.

Waikato Regional Council have been kept informed of the plans and progress at the three sites and appear to be comfortable with the progress Council is making towards resolving non-compliances associated with the abatement notices.

3.2 FORMAL WARNINGS

Formal warnings have been issued for non-compliances with wastewater discharge consents at Huntly, Raglan and Ngaruawahia. The non-compliances are summarised in the attached Wastewater Discharge Consents table.

Desludging of wastewater ponds has recently been completed at Huntly and commenced at Ngaruawahia in October funded from the waters reform stimulus grant funding. These works are expected to help improve performance but not resolve all the non-compliances.

A Registration of Interest was submitted under the Infrastructure Acceleration Fund to fast track and provide infrastructure to support increased housing. the application included accelerating upgrades at the Huntly and Ngaruawahia Wastewater Treatment Plants but has not been approved as yet. The works have been put on the reserve list and may still receive funding should other projects not proceed. The Huntly upgrade is budgeted in the Long Term Plan to commence in 2025/26 and Ngaruawahia to commence in 2028/29. Until the plants are upgraded, full compliance with consents will be difficult.

Councillors have asked that consideration be given to bringing forward the Huntly works to meet growth needs that are likely to happen before 2025/26.

The Raglan wastewater consent renewal project is well underway and land suitable for subsurface drip irrigation is being investigated. Depending on what the final discharge option(s) are will determine any upgrade to the treatment plant itself. In the interim minor improvements will continue to be implemented. Full compliance will require the plant to be upgraded.

4. CONCLUSION

Good progress has been made to resolve non-compliances on outstanding abatement notices and plans are in place to resolve the remaining non-compliances. As funding and resourcing allows, further focused attention will need to be given to other consents that have formal warnings and/or letter of directions and emerging non-compliances.

It is requested that the Board provide direction to staff about bringing forward the upgrade of the Huntly Wastewater Treatment plant to accommodate growth and resolve non-compliances sooner.

5. ATTACHMENTS

- Water Take Consents
- Wastewater Discharge Consents
- Stormwater Discharge Consents

WATER TAKE CONSENTS

Resource Consent	Location	Type	Expiry	Compliance Status	Actions to Resolve	Compliance Status change
105034	Huntly	Waikato River intake	2046	Full Compliance	N/A	Improved compliance
108156	Ngaruawahia	Waikato River intake	2046	Full Compliance	N/A	Improved compliance
118341	Raglan	Spring intake/Groundwater backup	2034	Low-Risk non-compliance	Few Operational actions	Improved compliance
110226	Te Akau	Groundwater	2024	Full Compliance	N/A	No change
136297	Port Waikato	Waikato River intake	2051	Low-Risk non-compliance	Few Operational actions	No Change
Strategic water take consent not held by WDC						
	Te Kauwhata	Reliant on TKWA permit	2024	Not assessed	No assessed as not a WDC consent	N/A

WASTEWATER DISCHARGE CONSENTS

Resource Consent	Location	Type	Expiry	Compliance Status	Actions to Resolve	Compliance Status Change
Treated Wastewater - Discharge to Water						
105031	Meremere	Treated wastewater	2018	<p>Significant Non-compliance</p> <p>Abatement Notice and Formal Warning issued April 2019</p> <p>The Plant has had an increasing non-compliance over the last 5-10 years. The non-compliances relate Suspended Solids,cBOD5,TP, TKN and volume</p>	<p>Installation and commissioning of Side stream MBR</p> <p>A new consent (RC 142286) has been granted by WRC on 10 December 2020 that provides for the commissioning and operation of the new MBR technology by 1 December 2021. The new consent expires in 2055.</p> <p>Sept 21 update: Meremere WWTP pre-commissioning of the new processes has commenced</p>	<p>Improved Compliance for 2020-21 reporting-WRC Audit reports pending</p>
971390	Raglan	Treated wastewater	2020	<p>Significant Non-compliance</p> <p>Formal Warning and Letter of Direction issued June 2021</p> <p>2019-20 non-compliances relates to cBOD5, TSS, FC and Enterococci. Compliance has improved since July 2020, currently non-compliant for TSS.</p>	<p>Options for reconsenting are being developed</p>	<p>Improved Compliance for 2020-21 reporting-WRC Audit reports pending</p> <p>TSS remains non-compliant</p>

117991	Te Kauwhata	Treated wastewater	2028	Significant Non-compliance Abatement Notice and Formal Warning issued May 2019	<p>The TK WWTP upgrade project will be delivered in 3 phases to ensure the plant is compliant in the shortest possible timeframe. It is expected that phases 1 and 2 will be completed in mid-2022</p> <p>September 21 update:</p> <ul style="list-style-type: none"> Spartan contractors have commenced works on site. There have been further covid related delays. The order for the MABR has been placed with Suez and Stage 2 design will be complete in November. 	<p>No Change-WRC Audit reports pending</p> <p>Slight improvements noted for E.coli, cBOD5 and TP during the 2020-21 reporting period.</p>
119647	Huntly	Treated wastewater	2029	Partial Compliance Formal Warning and Letter of Direction issued in March 2021	<p>Concept upgrade plan for Huntly WWTP completed in June 2021. The preferred upgrade option for Huntly consists of a Bradenpho, MBR and UV process units. The project is on hold until funding is available (LTP budget in the 2025/26 to 2027/28 financial years).</p> <p>Huntly Pond Desludging completed within budget constraint</p>	<p>No Change-WRC Audit reports pending</p> <p>The compliance has improved for Total Nitrogen during the 2020-21 reporting. NH4N remains non-compliant.</p>

119642	Ngaruawahia	Treated wastewater	2029	<p>Significant Non-compliance</p> <p>Formal Warning issued April 2021</p> <p>2019-20 non-compliances relates to NH4N and TN consent limit exceedance.</p> <p>An operational decision to recycle sludge to the pond due to lack of space for drying and storing sludge on the site has caused non-compliance.</p>	<p>Ngaruawahia Pond desludging is estimated to commence in October 2021-this is driven by DIA funding.</p> <p>The Ngaruawahia WWTP plant upgrades- It is an OPTION the wastewater will be transferred to Pukete WWTP alongside upgrading the plant on-site- the final decision will be made in the coming years and will likely be driven by cost.</p>	<p>No Change-WRC Audit reports pending</p> <p>NH4N and TN remains non-compliant</p>
Treated Wastewater - Discharge to Land						
105551	Matangi	Treated effluent to ground	2021	<p>Not audited for the 2019-20 period, plant considered as minor – Compliant based on monitoring</p>	<p>Consent expires in Sept 2021 Consenting Strategy prepared An application for consent renewal was lodged prior to expiry to ensure legal operation while re consenting is undertaken</p>	<p>No Change-WRC Audit reports pending</p>
139284	Te Kowhai	Treated effluent to ground	2033	<p>Partial Compliance</p> <p>Letter of Direction issued in July 2021 for the 2019-20 period.</p> <p>The Non-compliances relates to the required documentation not in place for the 2019-20 compliance period, Riparian Planting and Management Plan</p>	<p>Riparian Management Plan and Riparian Planting- WSL consulted with Rivercare Waikato and conducted a site visit for the preparation and implementation of the Riparian Planting Plan.</p> <p>Riparian Planting and Management Plan was submitted to WRC along with 2020-21 Annual reports.</p>	<p>Improved Compliance-WRC Audit reports pending</p>

121024	Tauwhare Pa	Treated effluent to ground	2035	High Level of Compliance	N/A	No Change-WRC Audit reports pending
132607	Maramarua	Treated effluent to ground	2039	Not audited for 2019-20 period, plant considered as minor – Compliant based on monitoring	N/A	No Change-WRC Audit reports pending

STORMWATER DISCHARGE CONSENTS

Resource Consent	Location	Type	Expiry	Compliance Status	Actions to Resolve	Compliance Status Change
Stormwater Discharge						
105644-105659	Horotiu, Huntly, Ngaruawahia, Raglan, Te Kauwhata, Meremere, Ragiriri, Ohinewai, Taupiri, Hopuhopu, Horotiu, Pukemiro, Glen Massey, Te Kowhai, Whatawhata, Gordonton, Matangi	Urban SW to waterways (Encompassed within the former Waikato Comprehensive SW consent) While individual consents held, these are managed as a global discharge consent	2028	See below for location specific non compliance	Various	
105051	Tuakau	Divert and discharge urban stormwater runoff and associated contaminants at multiple locations to land, streams, and use discharge structures	2028	High level of compliance	Catchpit maintenance undertaken to reported – Minor. Information sort from Rooding alliance.	Will be included in the 2021 reporting period to be included in report
108592	Pokeno	Divert and discharge urban stormwater runoff and associated contaminants at multiple locations to land, streams and use discharge structures	2028	Significant non-compliance	Monitoring program in Pokeno does not meet consent requirements. A SWMP needs to be revised for to meet consent conditions.	A revised water quality monitoring program is scheduled in Pokeno for the 2022 reporting period. SWMP update next reporting period. SWMP were updated for all locations except Pokeno and Tuakau previously.

					A stormwater quality investigation project is required to undertake further testing to identify contamination sources, this will then lead into a mitigation project to reduce the contamination load.	Stormwater quality investigation project is expected to be awarded to WSP late October.
Location specific commentary						
	Raglan urban area stormwater			<p>Partial compliance</p> <p>Letter of Direction issued in February 2021 for the 2019-20 compliance period</p> <p>Note Abatement Notice from the 2018-19 compliance period remains in force until all required actions have been complied with</p>	Flooding at Cambrae Road – awaiting WRC response to proposed option that is taking longer than other non compliances due to consent being complex	<p>In the WRC’s February 2021 compliance letter, WRC acknowledge that significant improvements have been made to the reporting and operation of the stormwater system in the Raglan urban area</p> <p>Items from the Abatement Notice resolved:</p> <ul style="list-style-type: none"> • Water Quality results and mitigation (hydrocarbons and heavy metals) • High-risk site identification and education • Reporting (changes to SW network) • Review of the Stormwater Management Plan • Review and update the monitoring program
	Raglan - Aroaro Bay (Wallis Rd)			<p>Partial compliance</p> <p>Letter of Direction (to undertake maintenance) issued in June 2021 for</p>	Investigate the blocked stormwater pipes and the oil/grit interceptor. Clear any blockages and empty the contents of	Contractor since visited site and identified the outlet pipe and while submerged it wasn’t fully blocked like first thought and is

				the July 2011 to June 2020 period following site visit where outlet was unable to be located	the interceptor via sucker truck. Clear and dredge the area where the outlet pipe from the interceptor discharges into the wetland to facilitate free flow through the stormwater system.	therefore doing what it was designed for. Work is being scoped to carry out maintenance to clear the overgrown vegetation and remove a part blockage.
--	--	--	--	--	---	--

Open Meeting

To	Waters Governance Board
From	Gavin Ion Chief Executive
Date	26 October 2021
Prepared by	Matt Horsfield Democracy Advisor
Chief Executive Approved	Y
Reference #	GOV1318
Report Title	2022 Schedule of Meetings

I. EXECUTIVE SUMMARY

The purpose of this report is to seek the Board's approval to a proposed schedule of Board meetings for 2022.

Following confirmation of availability of Board members in 2022, it is proposed to meet six-weekly from 10.00am to 2.00pm on the following dates:

- Tuesday, 23 February,
- Thursday, 8 April,
- Tuesday, 18 May,
- Tuesday, 29 June,
- Tuesday, 10 August,
- Tuesday, 21 September,
- Tuesday, 2 November, and
- Tuesday, 14 December.

Workshops and additional (extraordinary) meetings may be required during 2022, and these will be scheduled in consultation with Board members.

If approved, staff will arrange for meeting invitations to be circulated to Board members and other stakeholders.

2. RECOMMENDATION

THAT the Waters Governance Board approves the schedule of Board meetings for 2022 as follows:

- **Tuesday, 1 February,**
- **Tuesday, 15 March,**
- **Tuesday, 26 April,**
- **Tuesday, 7 June,**
- **Tuesday, 19 July,**
- **Tuesday, 30 August,**
- **Tuesday, 11 October, and**
- **Tuesday, 22 November,**

noting that each meeting will be scheduled to commence at 10.00am.

3. ATTACHMENTS

Nil

Open Meeting

To	Waters Governance Board
From	Gavin Ion Chief Executive
Date	27 October 2021
Prepared by	Matt Horsfield Democracy Advisor
Chief Executive Approved	Y
Reference #	GOV1318
Report Title	Exclusion of the Public

I. RECOMMENDATION

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
PEX Item 1 Confirmation of Minutes	Good reason to withhold exists under Section 6 or Section 7 Local Government Official Information and Meetings Act 1987	Section 48(1)(a)
PEX Item 2 Action Register		
PEX Item 3.1 Raglan Wastewater Treatment Plant Consenting Update – Land Irrigation		

PEX Item 3.2 Water Financial Results to 30 September 2021		
PEX Item 3.3 Business Case – Te Kauwhata Treatment Plant Upgrade Phase 2.2 Ultrafiltration		
PEX Item 3.4 Network Renewals and the Ngaruawahia Pipeline to the Wastewater Treatment Plant Discussion Paper		
PEX Item 3.5 Volumetric Water Billing Frequency		

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
PEX Item 1 Confirmation of Minutes		Refer to the previous Public Excluded reason in the agenda for this meeting.
PEX Item 2 Action Register		Refer to the previous Public Excluded reason in the agenda for this meeting.
PEX Item 3.1 Raglan Wastewater Treatment Plant Consenting Update – Land Irrigation	7 (2) (c)	Protect information which is subject to an obligation of confidence or which any person has been or could be compelled to provide under the authority of any enactment, where the making available of the information-

	7 (2) (c) (i)	Would be likely to prejudice the supply of similar information, or information from the same source, and it is in the public interest that such information should continue to be supplied; or
	7 (2) (a)	Enable any local authority holding the information to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations); or
PEX Item 3.2 Water Financial Results to 30 September 2021	7 (2) (b)	Protect Information where the making available of the information:
	7 (2) (b) (ii)	Would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information; or
	7 (2) (i)	Prevent the discourse or use of official information for improper gain or improper advantage.
PEX Item 3.3 Business Case – Te Kauwhata Wastewater Treatment Plant Upgrade Phase 2.2 Ultrafiltration	7 (2) (b)	Protect Information where the making available of the information:
	7 (2) (b) (ii)	Would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information; or
	7 (2) (i)	Enable any local authority holding the information to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations); or
	7 (2) (i)	Prevent the discourse or use of official information for improper gain or improper advantage.
PEX Item 3.4 Networks Renewals and the Ngaruawahia Pipeline to the Wastewater Treatment Plant Discussion Paper	7 (2) (b)	Protect Information where the making available of the information:
	7 (2) (b) (ii)	Would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information; or
	7 (2) (i)	Enable any local authority holding the information to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations); or
	7 (2) (i)	Prevent the discourse or use of official information for improper gain or improper advantage.

PEX Item 3.5
Volumetric Water
Billing Frequency

7 (2) (h)

Enable any local authority holding the information to carry out, without prejudice or disadvantage commercial activities.