

Agenda for a meeting of the Waters Governance Board to be held in the Committee Rooms 1 & 2, District Office, 15 Galileo Street, Ngaruawahia on **TUESDAY, 2 MAY 2023** commencing at **10.00am**.

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|-----------|--|----|
| 1. | <u>APOLOGIES AND LEAVE OF ABSENCE</u> | |
| 2. | <u>CONFIRMATION OF STATUS OF AGENDA</u> | |
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GJ Ion
CHIEF EXECUTIVE

TERMS OF REFERENCE AND DELEGATION

Reports to:	The Council
Chairperson:	Mr David Wright
Membership:	Mr Garth Dibley Ms Rukumoana Schaafhausen Mr Gavin Ion (Chief Executive) Ms Jackie Colliar (Board Intern)
Meeting frequency:	Six Weekly
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.

To	Waters Governance Board
Report title	Confirmation of Minutes
Date:	Monday, 24 April 2023
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 Wednesday, 29 March 2023.

2. Staff recommendations

Tuutohu-aa-kaimahi

THAT the minutes for a meeting of the Waters Governance Board held on Wednesday, 29 March 2023 be confirmed as a true and correct record.

3. Attachments

Nгаа тааpирihanga

Attachment 1 – WGB Minutes – Wednesday, 29 March 2023.

MINUTES for a meeting of the Waters Governance Board Meeting of the Waikato District Council held via audio-visual conference on **WEDNESDAY, 29 MARCH 2023** commencing at **10.30AM**.

Present:

Mr D Wright (Chair)
Mr G Dibley
Mr GJ Ion (Chief Executive, Waikato District Council)
Ms J Colliar (Intern)

Attending:

Cr V Reeve

Mr M Telfer (Watercare)
Mr R Puller (Watercare)
Mr P Crabb (Watercare)
Mr S Howard (Watercare) – *from 12.05pm*
Mr R Bax (Richard Bax Consulting) – *from 11.10am*

Ms A Diaz (Chief Financial Officer) – *from 10.58am*
Ms M May (General Manager – Service Delivery)
Mr K Martin (Waters Manager)

Mr D Sharma (Three Waters Reform Project Manager) – *via audio visual link*
Ms P Pandiarajan (Waters Contact Support Co-ordinator)
Ms E Saunders (Democracy Advisor)

APOLOGIES AND LEAVE OF ABSENCE

Resolved: (Mr Wright/Mr Ion)

THAT an apology be received from Ms R Schaaflausen for non-attendance.

CARRIED

WGB2303/01

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 Wednesday, 29 March 2023 be confirmed and all items therein be considered in open meeting with the exception of those items detailed at agenda item 6 which shall be discussed with the public excluded;

AND THAT in accordance with Standing Order 9.4 the order of business be changed with agenda item PEX3.3 [*Huntly Wastewater Treatment Plant Upgrade*] being considered after agenda item PEX1 [*Confirmation of Public Excluded Minutes*]

CARRIED

WGB2303/02

DISCLOSURES OF INTEREST

There were no disclosures of interest but it was noted by Mr Wright that a correction needed to be made to the register in relation to the spelling of Haapa Research Ltd – it is the Haapi Research Ltd and he is the Chair .

ACTION: Democracy Advisor is to update the Register of Interests for Mr Wright – update to Chair of Haapi Research Ltd rather than Haapa.

CONFIRMATION OF MINUTES

Resolved: (Mr Dibley/Mr Ion)

THAT the minutes for a meeting of the Waters Governance Board Meeting held on Tuesday, 7 February 2023 be confirmed as a true and correct record of that meeting.

CARRIED

WGB2303/03

REPORTS

Actions Register
Agenda Item 5

The Waters Manager and Mr M Telfer spoke to the report which was taken as read and highlighted some key points:

- Timber Reservoir inspections were completed in February 2023 – all were in good working order with just minor defects to be remedied.
- 3WR Oversight & Monitoring process for February 2023 was overviewed by the Waters Manager.
- Risk Register has been included in the agenda today as per the action from the previous meeting
- Mr Dibley asked about the reservoir located in Ngaruawahia in the Hakarimata Ranges that was on Department of Conservation (DOC) land. How many reservoirs do we have in the district that are like this? Would it be good to have a separate list of these for maintenance purposes? Council owns the land leading up to the reserve where the asset is located but DOC owns the reserve itself. Council have an agreement in place with DOC for DOC to maintain the land.
- Consent for works for Cambrae Road (Raglan) was in place (no longer an issue) and was scheduled to get underway in the next construction cycle. The demand for this had increased and will be actively monitored over the Winter period to ensure no risks to properties.

ACTION: The Waters Manager to arrange a list of retired assets to be compiled to ensure they are being managed and maintained from a health and safety point of view

ACTION: The Waters Manager is also to confirm with DOC' regarding the ownership of the asset and land.

Resolved: (Mr Ion/Mr Wright)

THAT the Waters Governance Board receives the Actions Register to March 2023.

CARRIED

WGB2303/04

Three Waters Governance Report – March 2023

Agenda Item 6.1

Mr Telfer spoke to the report which was taken as read and further discussion was held.

Key Highlights:

- There was a Health & Safety event with a staff member which resulted in a lost time injury in January 2023. Watercare were continuing to engage with the staff member for this injury.
- One Performance Measure was not met in February however year to date results are achieved in all areas.
- Two Severe Weather Events – both Raglan in the first event and Huntly/Port Waikato in the second event were largely effected by flooding and landslips as outlined in the report. Work was ongoing for a maintenance plan of assets across the district to be up to date to mitigate these risks for severe weather events in the future.
- A tour of plants was also carried out last month.

Discussion:

- Civil Defence instructions during significant weather event: What was the notification process during Cyclone Gabrielle for reporting of power outages across the affected areas? A brief discussion around timeframes for restoring electricity or fixing assets occurred with Mr Telfer answering the question from the board.
- Have we got enough resources like generators etc....for significant events like this in the future? It was hard to gauge resource levels during significant events like this as the need varies substantially from event to event. Civil Defence would be engaged with and were involved with this sort of event resourcing and can assist if required. After the events the team are confident that we are as prepared with resourcing as we can be for any future events.
- Have we got the means of communication outlined in the event of a complete power outage during a significant weather event? Do we carry satellite phones or any other resource to ensure communication can be maintained at all times? A suggestion was made that this be considered moving forward and taken into consideration when reflecting on the learnings from these events.
- Employees working on their own - how was it determined if the weather is not a risk for that employee? A lot of onus on the individual employee and constant communication was always done with any affected employee working out in the field alone.
- Follow on from Gabrielle – Politicians Level – hearing a lot of questioning regarding stormwater activities and Waikato Regional Council (WRC) vs Waikato District Council (WDC) and how stormwater was managed across the district – workshop scheduled for April 2023 with elected members to discuss this.
- Has Watercare documented the learnings that came from the significant weather events at all? What had been done to take the lessons learned and put them into work practices now? General feedback was very positive about the Watercare response during the weather events and the engagement that was undertaken.

- The Board wanted it noted the appreciation of the Watercare Team response during Cyclone Gabrielle and the engagement and work that was undertaken with the affected communities.

Resolved: (Mr Wright/Mr Ion)

THAT the Waters Governance Board receives the Three Waters Governance Report.

CARRIED

WGB2303/05

Three Waters Reform Project Update – March 2023

Agenda Item 6.2

The Three Waters Reform Project Manager spoke to the report (via audio link) which was taken as read and further discussion was held.

Key Highlights:

- Better Off Funding update was provided and Crown Infrastructure Partners (CIP) was on track to deliver the reporting template that is needed by the end of March 2023 as was scheduled. Once received the legal review will be undertaken with a view to minimise the financial risks to Council as well as the other applicants.
- Legal RFI – Councils had received an extension from the National Transition Unit (NTU) until the 30th of April 2023.
- Asset Management Plan (AMP) update – third iteration of Capex and Opex programme had been submitted to the Department of Internal Affairs (DIA) and the feedback received to date is that Waikato District Council represents a significant proportion of investment for Entity B. They are seeking to meet with Council on April 20th to work through this. The Board would like to see a copy of the Third Iteration to ensure there is alignment which The Three Waters Reform Project Manager will circulate.
- All staff have received their pathway regarding their continued employment from NTU – three (3) different pathways had been proposed and they have been given ten (10) working days to agree or disagree with the pathway. Council staff had not received their pathway yet but are expecting to receive this soon.
- Relationship Agreements & Service Level Agreements were currently being tested with local authorities by NTU but does not appear to be being tested with Entity B local authorities as yet.

Discussion:

- Better of Funding – CIP timeframe for delivering the template in reality is within 3 days and the legal review that needs to be undertaken from a practical viewpoint seems to be something that will not change. From a legal perspective we should absolutely understand what the implications are; but from a practical perspective we should understand that it's not going to change things.

- The Chief Financial Officer advised that Waikato District Council seems to be the only Council that put this out to community groups for engagement and the DIA seemed to like this process so thinks it's a good idea to seek to push back and still have a go and see what happens.
- The funding agreement was with the DIA and the Crown Infrastructure Partners (CIP) had been appointed as the monitor for the funding agreement. The agreement should emulate what we already had in place and CIP had made it clear they were not providing the agreement but they would provide the reporting requirements for the project delivery and we will use that to develop our own back to back funding agreements with each applicant.
- Debt Settlement Process – The Chief Financial Officer provided an update on the matter and advised the meeting that it went very well. Waikato District Council were ahead in some areas as we had separate funding sources like targeted rates & development contributions and had our financials separated out into a separate entity so we can create a balance sheet at the end of this year with a high level of accuracy. Stormwater discussions were interesting and further updates were to be given in this space. Overall Waikato District Council were on track to make this a smooth transition.
- Governance Arrangements: It will be up to the Council to determine when the Waters Governance Board ceases to exist ultimately although the thinking was it would be around the same time as the formation of the Entities.
- Third Iteration submitted to DIA – the Board had requested to have this report circulated to them to ensure priorities of both Council and the Board were aligned. A further iteration was due to be submitted in the middle of the year along with another iteration due at the end of the year.
- Who is running the process in relation to the AMPs? It was confirmed that DIA were running the process.
- If everything goes to plan and the transfer of business happens on 1st of July it was confirmed that liability for consenting issues, agreements and compliance issues will fall under the new Entity. The area that could potentially be at risk during the transition was growth and growth does come with its own challenges which were discussed.
- Concern raised that there were more pressing Health & Safety priorities in other parts of the Entity B area and some of our obligations to the awa may fall down the list compared to the priorities identified. The Waters Manager spoke to this concern and a brief discussion was had with the Board particularly around the different outcomes that could happen i.e – Stormwater staying with Council and what could happen in that space.
- Residual Staffing: Has Council started thinking about what resourcing will be required at all to ensure a smooth transition? We know from previous experience that maintaining Council staffing resources were required – particularly as assets were still owned by WDC. This was something that is being thought about and worked on.

- The Risk Register has been shared in the report and clarification was needed to determine how often the Risk Register needs to be seen by the board. It was confirmed that every 6 months was fine but it can also be shared at any time that it was required or a risk needed to be discussed. Entity B could have different priority but will continue with these timeframes for now.

ACTION: The Third Iteration was to be brought to the Board by the Three Waters Reform Project Manager so the Board can be across this and ensure alignment. This report will be circulated to the Board today and an out of cycle Board discussion will be undertaken if required to discuss this further.

Resolved: (Mr Ion/Mr Dibley)

THAT the Waters Governance Board:

- a. receives the report; and
- b. notes that the project management for three waters reform is ongoing

CARRIED

WGB2303/06

Risk Register
Agenda Item 6.3

The Waters Manager spoke to the report which was taken as read and further discussion was held.

- Risk Register adequately covers reservoirs and other assets as requested.
- When will the Board get an update on the letters of direction that was received via email? The Waters Manager confirmed that for the next board meeting there will be a full compliance update including letters of direction and Action Plans incorporated into the agenda.

ACTION: A separate paper for Compliance to be prepared and provided to the Board by Watercare.

Resolved: (Mr Wright/Mr Ion)

THAT the Water Governance Board receives the Risk Register report.

CARRIED

WGB2303/07

Insurance Compliance

Agenda Item 6.4

The Chief Financial Officer spoke to the report which was taken as read and further discussion was held.

- A brief discussion around Insurance Cover and whether it was adequate and whether another significant weather event can be handled which was addressed by the Chief Financial Officer.
- Not all assets were covered by Insurance so were there plans in place for this? Council will be hard pressed to cover significant costs particularly 'like for like' cover.
- A brief discussion around the lessons learned from the significant weather events and whether it might be good to see what liability Council had for private property and any damage that was caused by a significant event which was addressed by the Chief Financial Officer – especially the liability with LIM reports on private properties.

ACTION: The Board will require a firm update on the Insurance Cover from the Chief Financial Officer and whether the cover is adequate moving forward and what timeframes the Board are working within.

Resolved: (Mr Ion/Mr Dibley)

THAT the Waters Governance Board receives the Insurance Compliance Report.

CARRIED

WGB2303/08

Maramarua Treated Wastewater Disposal Field Upgrade – Price/Risk Update

Agenda Item 6.5

Mr Telfer spoke to the report which was taken as read and further discussion was held.

- Report was an update on a previous paper that was presented to WGB with further clarification as requested.
- Great detail provided in this report and is a significant improvement on the last paper presented to the Board.

Resolved: (Mr Dibley/Mr Ion)

THAT the Waters Governance Board approves the:

- the replacement of the Maramarua WWTP treated effluent disposal field project and;**
- the funding of \$385,000 from the District Wide Wastewater Treatment Renewals budget for this project**

CARRIED

WGB2303/09

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; and**

- a. 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	Good reason to withhold exists under Section 6 or Section 7 Local Government Official Information and Meetings Act 1987	Section 48(1)(a)
Item number PEX 2 Action Register		
Item PEX 3.1 Waters Financial Results to 28 February 2023		
Item PEX 3.2 Reallocation of Funding for Water Filling Station		
Item PEX 3.3 Huntly Wastewater Treatment Plant Upgrade Workshop		
Item PEX 3.4 Horotiu Road Wastewater Pipeline	Good reason to withhold exists under Section 6 or Section 7 Local Government Official Information and Meetings Act 1987	Section 48(1)(a)

- b. 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	Refer to the previous Public Excluded reason in the agenda for this meeting.	
Item number PEX 2 Action Register		
Item PEX 3.1 Waters Financial Results to 28 February 2023	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 Reallocation of Funding for Water Filling Station	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.
	48 (1)(d)	To enable deliberations in private on a decision or recommendation in any applicable proceeding
Item PEX 3.3 Huntly Wastewater Treatment Plant Upgrade Workshop	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.
	48 (1)(d)	To prevent use of the information for improper gain or advantage

Item No.	Section	Interest
Item PEX 3.4 Horotiu Road Wastewater Pipeline	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.
	7(2)(j)	To prevent use of the information for improper gain or advantage

- c. Mr R Bax (Richard Bax Consulting) be permitted to remain at this meeting, after the public has been excluded to discuss Item PEX3.3 – Huntly Wastewater Treatment Plant Upgrade because of his knowledge and work on this Item and the assistance being provided.**

CARRIED

WGB2303/10

The meeting adjourned at 12.40pm for lunch and resumed at 1.02pm.

Resolutions WGB2303/11 – WGB2303/17 are contained in the public excluded section of these minutes.

Having resumed open meeting both Mr Ion and The Waters Manager took the opportunity to give brief updates to the Board:

Mr Ion noted an invitation that was received from Watercare to take a tour of the Pukekohe Wastewater Treatment Plant with the Council Elected Members. The proposed date for the tour that suits the majority of invitees is Tuesday May, 2nd 2023 which is also the date of the next Waters Governance Board meeting:

- A Proposal to go on the tour and then hold the Board meeting in the Tuakau Office was agreed to by the Board and details will be confirmed.

The Waters Manager gave a brief update to the board on the progress with TKWWTP and advised there is works underway. It might be a good idea to engage with Iwi and Hapu again now works are underway to provide an update and to keep the engagement proactive.

There being no further business the meeting was declared closed at 1.56PM.

The To	Waters Governance Board
Report title	Actions Register
Date:	Monday, 24 April 2023
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 Wednesday, 29 March 2023.

2. Staff recommendations

Tuutohu-aa-kaimahi

THAT the Waters Governance Board receives the Actions Register to April 2023.

3. Attachments

Ngaa taapirihanga

Attachment 1 – Action Register

10 Waters Governance Board Actions Register

OPEN MEETING

Meeting Date	Action	To Action	When	Status
7/02/2023	<u>Cambrae Road, Raglan – Flood Remediation</u> Watercare to follow up with WRC around the condition of the consent to ensure it is being met and there is no longer any risks.	M Telfer Watercare	May 2023	Councillor Thomson raised concerns that the works will further exacerbate flooding around 8 Cambrae Road where the walkway accesses Lorenzen Bay and has asked for an impact assessment. Watercare to Verbally update.
29/03/2023	<u>Disclosures of Interest</u> Democracy Advisor is to update the Register of Interests for Mr Wright – update to Chair of Haapi Research Ltd rather than Haapa.	Democracy	May 2023	Democracy to confirm amendment
29/03/2023	<u>Retired Assets</u> The Waters Manager to arrange a list of retired assets to be compiled to ensure they are being managed and maintained from a health and safety point of view. The Waters Manager is also to confirm with DOC regarding the ownership Hakarimata Dam.	Keith Martin	June 2023	Conversation is being arranged with DOC. List is being developed in conjunction with Watercare team. Findings to be provided in June Meeting.
29/03/2023	3 Water AMP to be discussed. Report to be provide on AMP provision and Entity B provisioning of funding based on strategic imperative .	Deron	April 2023	Out of cycle presentation.
29/03/23	<u>Compliance and Abatements</u> WGB to be updated of all compliance actions and activities. Each asset with a noncompliance to be identified and the noncompliance activity highlighted and the plan taken to rectify	Mathew Telfer	May 2023	Paper to be presented 2 May
29/03/23	<u>Communications</u> In a state of Emergency, what alternative communications do we have when cellphone and phone fail. The board would like to understand the	Mathew Telfer	June 2023	Paper to board 13 June

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**Waters Governance Board
 Actions Register**

Meeting Date	Action	To Action	When	Status
	failsafe's and alternatives to ensure ongoing operational activity along with health and safety and condition assessment along with job prioritisation can to maintained.			
29/03/2023	<u>Schedule Maintenance Plan and Schedule for Water, Wastewater & Stormwater</u> A detailed report outlining the scheduled maintenance program and the plan for Water, Wastewater & Stormwater is to be prepared and brought back to the Board. To include scheduled maintenance management methodology, the planned maintenance schedule, any deferred maintenance and risks to scheduled maintenance program.	Mathew Telfer	May 2023	Paper to be presented at WGB 2 May.

To	Waters Governance Board
Report title	Three Waters Governance Report – April 2023
Date:	2 May 2023
Report Author:	Keith Martin, Waters 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 report for April 2023.

4. Attachments

Ngaa taapirihanga

Attachment 1 – Waikato DC Three Waters Governance Report – April 2023

WAIKATO DC THREE WATERS GOVERNANCE REPORT

APRIL 2023



Mathew Telfer
Operation Manager
Watercare Waikato
April 2023

1. Highlights and lowlights

- One performance measure was not achieved in March. All year-to-date results are achieved, excluding notification of incidents.
- Site visits were held for representatives for the Taumata Arowai, including a board member at the Ngaruawahia, Huntly and Te Kauwhata Water Treatment plants on the 13th of March.0
- Te Kauwhata WTP, the pipework tie-in for the new filter # 4 has been completed.
- The recruitment within the Production team has progressed well.
- The cleanup of the Huntly WTP buildings and paintwork is progressing well and will be finished in April.
- The Te Kauwhata WWTP MABR tanks have been installed onto the new concrete plinths.
- The Te Kauwhata WWTP temporary Ultra filtration plant has been installed and commissioned. Initial 2 test results show an improved treatment performance for suspended solids from >30g/m³ to 3g/m³ and then 1.6g/m³ against a measure of 15g/m³, which is a great result.

2. Health and Safety

2.1. What we've seen this month

- There was one lost Time Injury (LTI), 0 Restricted Duties Injury (RDI), and two reported injuries involving Watercare employees in March.
 - A staff member opening a container at a treatment plant was stung on the ear by a wasp. They needed the next day off due to feeling unwell.
 - The other two events were a pinched finger and bent fingernail closing a car boot.
- There were zero recordable injuries involving contractors in March.
- The focus for the month was Suspended loads.

2.2. Looking ahead and wellbeing

- Next month's focus is on Working with or around mobile plant.

2.3. Critical risks

Watercare is assessing one of our critical risks each month.

2.4. Metrics

- There were no significant events in March.



3. Operations

3.1. Production

Our recruitment drive for staff has gone well, with Shilton promoted to a new role as Operations Controller. Alven Jandayan and Nidhita Gosai have been employed as Process Engineer's Water and wastewater treatment commencing the 3rd of April. Two Water/Wastewater Treatment Operators are in the final stages of contract sign-off and will commence mid to late April. We have been unsuccessful in sourcing a cadet but are continuing the search.

Site visits were held for representatives for the Taumata Arowai, including a board member at the Ngaruawahia, Huntly and Te Kauwhata Water Treatment plants on the 13th of March. This visit was for the Taumata Arowai team to meet the Watercare staff and become familiar with the sites and operation. There was positive feedback about the visit and engagement.

- Huntly WTP buildings clean up, and paintwork is making good progress. The planned completion for all external work is mid-April.



Port Waikato WTP storm damage repairs continue



The portion of bank erosion upstream of the plant will be challenging to remediate due to the lack of access. The chlorine contact tank will be relocated to provide access to install “gabion baskets” to protect the bank from further erosion and support backfilling the bank. A new plastic tank will be installed in place of the removed old concrete tank. There is a minimal footprint available for this work. Costs have been provided to Waikato District Council for an insurance claim.

Te Kauwhata WTP, the pipework tie-in for the new filter # 4 has been completed.



Te Kauwhata Water Association has completed an electrical upgrade of their high voltage step-down transformer, feeder cable and some switch gear. The water treatment plant was shut down for approx. Six hours as we worked in conjunction with the isolation requirements.

Te Kauwhata WWTP MABR tanks are being installed onto the new concrete plinths.



Te Kauwhata WWTP temporary Ultra filtration plant has been installed and commissioned by Spartan/Veolia and is now operational. Initial 2 test results show an improved treatment performance for suspended solids from $>30\text{g/m}^3$ to 3g/m^3 and then 1.6g/m^3 against a measure of 15g/m^3 , which is a great result.



The Huntly WTP on-site backwash sludge lagoon has been cleaned to remove many years of sludge buildup.



A small pilot plant has been set up at the Huntly WTP to test new ceramic membrane and green sand technologies.

3.2. Networks

- Significant progress in the > 15-year meter replacements has been made, and the project is beginning to near completion. In March, a total of 205 meters were replaced:
 - Tuakau – 16
 - Pokeno – 33
 - T.K. – 5
 - Southern Districts – 129
 - Huntly – 15 domestic, 5 bulk meters
 - Ngaruawahia – 2 bulk meters

The focus has now shifted to replacing bulk supply points, given that the majority of domestic meters are complete. One thousand fifty-four meters have been replaced to date.

- RTU Upgrade Project – A kick-off meeting was held with Watercare (Networks and Production), Neo, ADR, ControlWeb, and McKay present. A plan to resolve intermittent comms issues in Franklin has been developed, and the base station repeater location is to be moved from its present location. The move is from Harrisville Road Reservoir to the Pokeno Reservoir (due to line of sight) on Hitchen Road, and there is now fibre connectivity available

in this area. ADR will carry out a radio survey to determine the fine details of the site in early April. SCADA template mimics were developed, forming the standard for rollout across all sites.

- Reservoir inspections and Maintenance – Northland Effluent Services (Tank Inspect) continued with internal and external assessments of all concrete reservoirs throughout the district. Ngaruawahia WTP upper and lower reservoirs were inspected and found to have no major defects; however, minor defects, such as fitting corrosion and minor cracks, were noted.

Upland Road and Kimihia Road reservoirs were also inspected, again with no major defects found but some minor faults noted. Corrosion on the internal ladders at both reservoirs, minor cracks on the wall of the Upland res, and overflow of the Kimihia res were also noted. Remedial works will be carried out upon completion of the inspections.

- Jobs of significance – March

10 Pokohui Ave, Raglan – 150mm WW main repair. This was a job flagged from the CCTV surveys being carried out in Raglan. The top of the main had collapsed due to a fibre drill shot, and a tomo had started to form. A relatively straightforward repair for the team.



42 Wainui Rd, Raglan – 100mm WW main repair. The CCTV surveys picked up another job. A significant hole in the wall of the pipe was observed, which required action. The defective length of the pipe was removed and replaced.



3.3. Stormwater

- Port Waikato stormwater maintenance had been scheduled but delayed due to poor weather conditions. The work is progressing in April.
- Current Raglan abatement notice work is still on-going. 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.
 - WRC has approved the Resource consent for the Cambre road construction.
 - The work will progress to construction with the consent in place.
 - A business case was presented to the WGB in February 2023.
- 17km of SW lines were cleaned and inspected in Huntly during March. No major defects were found, but this work is essential before the onset of winter to ensure the network drains SW optimally.
This work runs parallel to the WW CCTV project, of which 13km of WW lines were surveyed in both Raglan and Huntly. The Raglan portion of this financial year cycle is complete, with Huntly underway. Ngaruawahia will be the final part of the district's WW network to be surveyed in the 22/23 FY.

4. Planning and project delivery

4.1. Infrastructure Planning

There are several work packages underway, including.

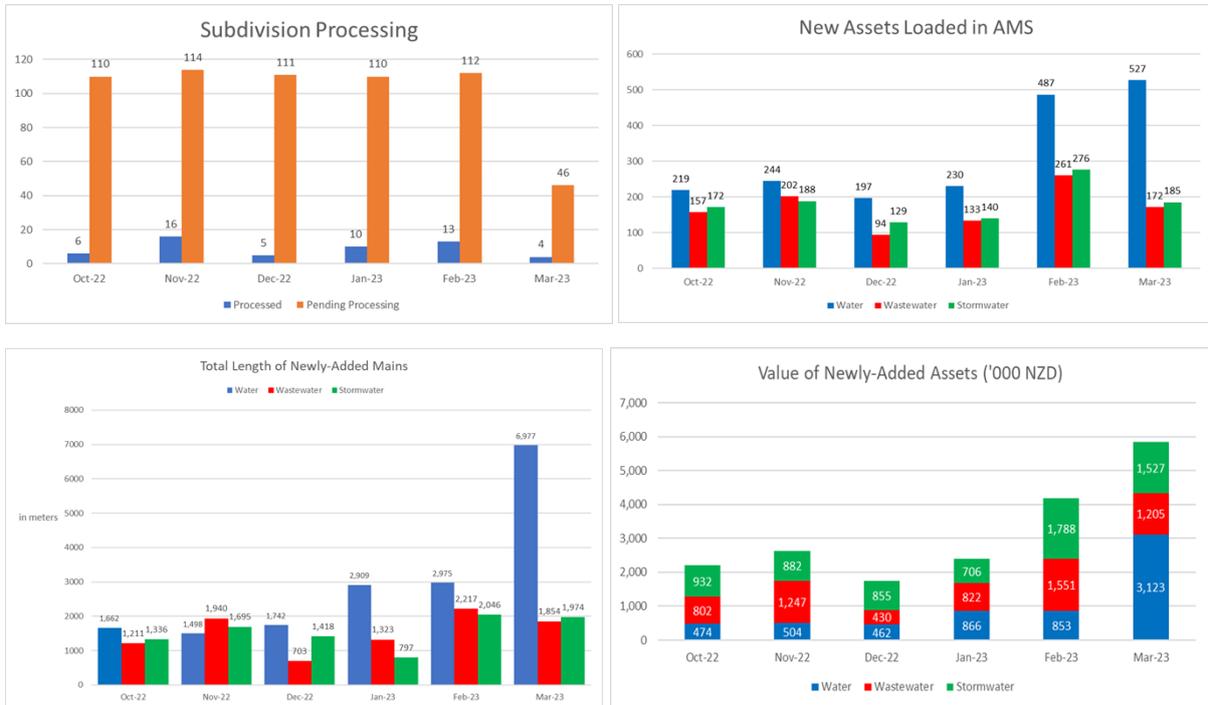
- The update of the Southern Districts and Tuakau Water Network Models was completed. The monitoring of the network has been completed. Models will now be calibrated.
- The Raglan WW model - We have yet to install new Magflow meters at Wallace St PS with Nero Pumpstation before progressing with option development.
- Huntly Wastewater network model - Consultants have assessed the asset data, and Magflow meter installation at two key pump stations is progressing (one is installed). We are also regauging flows through the network for a three month period before model calibration.
- A servicing strategy for Raglan Water and Wastewater has completed stage 1.
- Ngaruawahia WS and WW servicing Strategy completed and presented to WDC staff.
- Consultants continue the study looking at short-term improvements for Ngaruawahia and Huntly WTP's plus a long-term strategy for the two water treatment plants.
- Investigations for Tuakau, Raglan, and Tamahere Reservoir sites are underway.
- 2nd version of 24-27 LTP submitted in March

4.2. Development and growth

- Input into District Plan Appeals on servicing of appeal areas.
- Discussions with WDC land Development engineers on several development sites.

4.3. Asset Management

- This month, 884 three-water assets were added to the database covering a combined length of 10.08kms of main lines and a combined value of \$5.85 m.



4.4. Project delivery

Water Network Upgrades

- The project that will see the complete replacement and critical reconfiguration of the Rangiriri water supply pipeline has been awarded. Construction crews will establish and commence with physical works in mid-April. Project outcomes will see an upsized, more resilient polyethylene pipeline installed via horizontal directional drilling (HDD) within the road corridor instead of an undersized, ageing supply pipeline through private properties. The project will resolve fire-flow levels of service for the Rangiriri township.
- For decades, the **Raglan** community has relied on a system fed by several ageing water mains, which need upgrading to ensure that the community continues to have access to safe and reliable drinking water. Upgrading the critical watermains on Main Road and Upper Bow Street with new, larger-diameter pipes will improve operational performance, increase the water supply's reliability and provide an opportunity to resolve network configuration faults. Physical works are planned to avoid the holiday seasonal peak period, with works to commence following Easter and Anzac public holidays.

- Final procurement processes are being worked through for the now, two upgrades along **State Highway 26, Newstead**.
The main body of work will see an upsized, more resilient polyethylene pipeline installed via horizontal directional drilling (HDD) within the road corridor, instead of an undersized and ageing supply pipeline located through private properties. Reconnection of two dead-end mains by installing 150m of pipeline to solve a 20-year-old ‘temporary disconnection’ which occurred as part of neighbouring land development circa 2003.
- To support water supply and firefighting levels-of-service for **Taupiri** township and its rapidly growing eastern zone, a new water booster pump station, and water supply pipeline replacement is planned. Procurement of the physical works contractor is underway with award and July start forecasted.
- **Tuakau** Water Supply Upgrades and Extensions, the first stage, is complete.
The second package has now been scoped and includes local network upgrades that will provide missing connectivity and network resilience and enable supply via extensions to urban supply zones. Procurement of a physical works contractor will commence in April.
- **Huntly** – to support firefighting shortfalls in the west, a pipeline replacement and upsize is proposed for Riverview Road, Huntly. The work has been scoped with the procurement of a physical works contractor to commence in April.
- **Pokeno** – A pipeline upgrade (previously avoided by parties due to its challenging environment) will be extended to connect critical water infrastructure on Pokeno Road to support servicing the rapidly expanding Hellenslee growth area. The project will resolve a five-year-old network shortfall.

Reservoir Upgrades

The transfer of preload for reservoir 2 is complete. The geotech inspection for Reservoir 1 is complete. The construction of the gravel raft and connecting pipework is underway.



Te Kauwhata – Reservoir 2 completion of the preload earth retaining structure

Wastewater Network Upgrades

- Ngāruawāhia Pipeline – The well-pointing for controlled dewatering remains effective, allowing the pipeline construction to commence safely. The wet-well has been installed, and valve chamber construction will follow.



Ngāruawāhia Pipeline – The wet-well construction and the pipeline are both well underway.

- The POAL WWPS – Sewer connections ready for flows from Horotui are being installed, completing the work under this project. The remainder of the gravity sewer will be installed with the new road, a project led by Waikato District Council.
- Tuakau to Pokeno pipeline: The detailed design is complete. Meetings with landowners and utility providers continue to secure access agreements to enable utility mapping, land surveys, and Geotech works.
- Whangamarino WTP Upgrade – The final tie-in is complete, and the mechanical commissioning is planned for April. Following this, the media will be installed, completing the work under this project.

Treatment Plant Upgrades

- Te Kauwhata WWTP Upgrade – The MABR tanks have been installed. The MBR, Splitter box aeration, and MBR tanks are currently being fabricated. The blower room structure is complete, and the fit-out will commence with installing coating systems and tanking membranes. The new temporary Ultrafiltration plant is now operational, improving the suspended solids treatment performance ahead of the main plant build.



Te Kauwhata WWTP – Ultrafiltration Ops Training

- Huntly WWTP Upgrade – An options review is planned to assess the appropriate location and arrangement of the future WWTP Upgrade. Following that, an interim return stream upgrade will be designed.

- Raglan WWTP Upgrade – Detailed design is underway, starting with preparing the process design and geotech investigations.
- Ngaruawahia WTP Upgrade – The UV treatment system is in service. The run-to-waste tank pipework is due to complete in April to become operational. The electrical control and automation will follow.

Ngaruawahia WTP – New run-to-waste tanks to store backwash water before a steady release to the local sewer.



- Matangi WWTP Upgrade – Plant upgrades at Matangi are underway. Pumps, valves, and pipeline components have been replaced, along with progress made on the failing disposal field. The invasive investigation is yet to occur on the sand filter beds, which will determine whether the material is in need of renewal.



(Before)



(After)



Matangi WWTP – Disposal field tree and vegetation clearance

5. Compliance

- All March drinking water quality assurance rule (DWQAR) monthly reports demonstrated compliance.
- All March monitoring reports for Wastewater are due to be submitted to Waikato Regional Council during the second week of April 2023 with relevant notes, updates, and other resource consent reporting requirements as scheduled.
- The Huntly wastewater treatment plant (WWTP) weather discharge Event Investigation Report was submitted to WRC on 06/03/23.
- The Port-Waikato WTP backwash discharge consent investigation into Total Aluminium exceedances has identified the source water as having an elevated concentration of total aluminium. This was highlighted to WRC, and we are working together to identify a better option to demonstrate compliance against the consent condition.
- The first round of DWQAR reporting to Taumata Arowai was successfully completed on 24 March 2023.
- DWQAR Wai Comply audit is planned during April 2023 for the January-March 2023 period.
- Tokin and Taylor have been engaged for the Source Water Risk Management Plan as part of the WDC Water Safety Plan update.
- Total Coliform notification has been received for the Tuakau Buckland road sample point. Reactive works have been completed with flushing/cleaning the sample point and resampling. Further investigation into the issue by the Networks/WQS team.
- Ngaruawahia WWTP 2021-22 audit report received from WRC, Moderate non-compliance, and Letter of Direction was received. Draft response forwarded to WDC for the WRC submission on 29 March 2023.
- Inflow and Infiltration report submitted to WRC on 09/03/23 as per the WRC 2021-22 audit action.

5.1. Abatement notices

- There are three abatement notices in place at the moment, two in Raglan for a Cambre road stormwater and the wastewater treatment plant. The third is for the Te Kauwhata wastewater treatment plants. Actions are in place to address all notices.

6. Customer and Billing

6.1. Backflow Testing

Backflow Testing results	
Pass	3678
Repair	142
A survey is required to confirm the risk	142
Total	3962

6.2. The planned replacement of water meters over 15 years of age

Replacement and invoice issued	
Yes	782
In progress	604
Total	1386

6.3. Billing

Service Request Category	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Grand Total
WTR3Enq	9	14	17	15	12					67
WTRFinRead	89	90	75	64	75	60	50	55	76	558
WTRWtrBill	30	39	25	27	23	18	28	42	45	232
Six monthly reads Count	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Grand Total		
READING	1,922	2,138	3,403	2,170	4,139	4,081	3985	17,853		

6.4. Tradewaste

- Accessing and searching for new customers throughout the district, applications to be sent out to all new customers (on-going).

Trade Waste Agreements	Conditional Consents	Permitted (low risk)	Permitted Audited (med risk)	Septage Tanker Consent
2	10	40	141	6

Audits	Non-Compliance	Samples	New Consents	Conditional consents renewals
23	2	nil	Two applications for Permitted consent were received. They were processed, the sites visited, and consents were issued.	Countdown Pokeno

Non-compliances

- 7/3/2023 – Permitted Audited – Audit - Oil spill – Used cooking oil drum overflowing to the ground - Action: to clean up that day.
- 10/03/2023 – Conditional – NZ Drinks - Self-monitoring Report – Discharge volume 124m³/day limit 95m³/day – Cause: Due to high manganese issue in the pre-treatment and product water lines due to chlorine dosing failure on the 9th March 2023 – Action: Stopped production from 8 am to 6 pm, 9th March 2023 and Backwashed of all Media Filters, Granulated Carbon Filters, Sand Filters, and other water pre-treatment.

7. Strategic resource consents.

Raglan WWTP resource consent application preparation

- With the signing of the WDC MoU with the landowner of the Maungatawhiri Road site, there will be more confidence to invest in additional investigations. This contractual work is sensitive and managed by appropriate WDC Managers. Some onsite investigations, like testing bore installation and baseline ecological testing, are paused as we wait for the MoU outcomes.
- The RMA process requires the establishment of subsurface drip irrigation (SDI) with a relief valve on private land as the *best practical option*, which will be guided by expert consultants. Input from Manawheua and key stakeholders is crucial for this process.
- Monthly engagement sessions are on-going with key stakeholders to discuss site-specific views on SDI and its impact on groundwater processes. There will also be updates on treatment.
- The detailed design for the project, which includes process design and geotech investigations, is underway. The basis of the design is expected to be completed by the end of April.

Te Kauwhata WWTP resource consent application preparation

- A critical milestone for the project will be the completion of conveyance studies and costing. These studies should be finished by May 2023, and the results will be presented to the WGB in the form of a business case.
- The technical team has prepared river water hub drawings to show how the site could be improved using a free-flowing discharge method. However, discussions with a private property owner have been put on hold until the feasibility of the site is confirmed.
- The consenting project team has established a plan of action to determine the feasibility of the river water hub. This plan includes:
 - a. Presenting conveyance and costing recommendations to the WGB in June

- b. Receiving direction from the WGB and taking appropriate steps to engage effectively with Tangata whenua and Mana whenua.

The project sponsor (WDC) advises that point b is best discussed at the WGB level to ensure that Iwi, as key partners are satisfied with the project's direction.

Huntly WWTP resource consent application preparation

As mentioned previously in this report, the Huntly WWTP upgrade is currently being evaluated. An options review is underway to determine the optimal location and layout for the future upgrade. Additionally, plans are being made to design an interim return stream upgrade.

8. Key performance indicators

<i>KPI – description</i>	Results	Target 2022/2023
	<i>Water</i>	
<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>	March - 32 Year to date - 44	≤ 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>	March – 93 Year to date - 131	≤ 240 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>	March – 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>	March – 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>	March – 1.09 Year to date Result – 10.10	≤ 22/1000
<i>Wastewater</i>		
<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>	March – 0.16 Year to date Result – 1.10	≤ 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>	March – 0 Year to date Result – 0.17	≤ 2/1000
<i>Attendance time: from the time that Council receives a notification to the time that service personnel reaches the site.</i>	March – 65 Year to date Result – 42	≤ 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>	March – 95 Year to date Result – 105	≤ 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>	March – 0.16 Year to date Result – 3.94	≤ 10/1000
<i>Stormwater</i>		
<i>The number of Stormwater flood/blockage events that affected habitable floors (expressed per 1000 connections):</i>	March – 0 Year to date Result – 0.22	< 0.3
<i>The total number of complaints received by Council about the performance of the stormwater system (expressed per 1000 connections):</i>	March – 0.3 Year to date Result – 0.19	< 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
<i>Health and Safety</i>		
<i>Safety: Lost time injury frequency rate (LTIFR) per million hours worked</i>	1.78	≤ 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>	75% 4 notifiable 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	Water Governance Board
Report title	Three Waters Compliance Update
Date:	2 May 2023
Report Author:	Bliss Pappachan, Water Quality Scientist Waikato District
Authorised by:	Gavin Ion, Chief Executive - Waikato District Council

1. Purpose of the report

Te Take moo te puurongo

This report informs the Water Governance Board of the current compliance status within the Waikato District.

2. Executive summary

Whakaraapopototanga matua

The Water Quality Scientist leads the compliance monitoring and reporting requirements for the WDC drinking water supplies, water and wastewater treatment plant resource consents, and provides technical support to the Production, Networks, Infrastructure and Customer Care teams. This enables those teams to meet their public health and environmental compliance obligations.

3. Staff recommendations

Tuutohu-aa-kaimahi

THAT the Waters Governance Board receives the Three Waters Compliance update.

4. Background

Koorero whaimaarama

The below tables set out:

- The compliance status for each wastewater treatment plant discharge consent, each water treatment plant water take consent and backwash discharge consent (limited to those that have monitoring and reporting requirements), and
-

- Each drinking water supply's Drinking Water Standards (DWSNZ) compliance status for this compliance year to date.
- Summary comments on the Drinking Water Quality Assurance Rule (DWQAR) compliance.

Notes for the below Resource consent tables:

- The tables do not include the numerous consent conditions that Waikato Regional Council (WRC) considered fully compliant.
- The tables do not include non-compliances identified in WRC audit reports that have been fully resolved.
- The tables do not include non-compliances identified in WRC audit reports with future due dates and planned actions.
- Not all non-compliances require corrective actions (WRC may consider the circumstances and not require a corrective action but still issue a non-compliance).
- Operations and Management plan reviews, and updates are underway but are being undertaken on a risk-based approach and to account for planned WWTP upgrade timeframes.
- All non-compliances are followed up with either short- or medium-term solutions or proposed long-term solutions.
- The WRC Compliance Rating Systems are set out in Appendix 1.

Notes for the below DWSNZ/ DWQAR table:

- Wai-comply carried out the DWSNZ audit for the July-December 2022 period during February 2023.
- July-December 2022 audit results are presented in a table under section 3 below.
- January-March 2023 compliance status presented under section 4 below is based on an internal review of the monitoring data/results. An external audit for the January-March 2023 period is scheduled during April 2023.

Notes for the below DWQAR Compliance comments table:

- Comments are general for supplies/zones.
-

Site:	Consent type:	Consent number:	Last assessed by WRC:	Site Compliance Status:	Letter of Direction (LoD)/ Formal Warning (FW)/Abatement Notice (AN)	Comments
Meremere wastewater treatment plant	Discharge to water	AUTH142286.01.01	December 2022	Low Risk Non-Compliance		Non-compliances relate to: <ul style="list-style-type: none"> • Odour Management Plan and Liaison group meetings- these issues have been addressed and actioned.
Raglan wastewater treatment plant	Discharge to water	AUTH971390.01.01	January 2023	Moderate Non-compliance	AN	Non-compliances relate to: <ul style="list-style-type: none"> • Continuing non-compliance for Total Suspended Solids. • Flow meter calibration certificate • Faecal coliform limit exceedance
Huntly wastewater treatment plant	Discharge to water	AUTH119647.01.02	February 2023	Low Risk Non-Compliance	LoD	Non-compliances relate to: <ul style="list-style-type: none"> • Increasing non-compliances for Ammoniacal Nitrogen and Total Suspended Solids. • Consented discharge limit exceedances • Inflow and Infiltration Management Plan • Diffuser survey
Te Kauwhata wastewater treatment plant	Discharge to water	AUTH117991.01.01	October 2022	Significant Non-Compliance	FW	Non-compliances relate to: <ul style="list-style-type: none"> • Continuing non-compliance for cBOD5, Total Kjeldahl Nitrogen, Total Nitrogen, Total Phosphorus, Total Suspended Solids, TN Load and TP Load.

Site:	Consent type:	Consent number:	Last assessed by WRC:	Site Compliance Status:	Letter of Direction (LoD)/ Formal Warning (FW)/Abatement Notice (AN)	Comments
Te Kowhai wastewater treatment plant	Discharge to land	AUTH116151.01.01	March 2023	Low Risk Non-Compliance		Non-compliances relate to: <ul style="list-style-type: none"> • Discharge volume. • Currently non-compliant against cBOD5, NH4N and TSS.
Tauwhare wastewater treatment plant	Discharge to land	AUTH121024.01.01	June 2021	High level of Compliance		2021-22 audit to be completed by WRC.
Maramarua wastewater treatment plant	Discharge to land	AUTH132607.01.01	February 2022	Low Risk Non-Compliance		2021-22 audit to be completed by WRC. <ul style="list-style-type: none"> • Discharge flow limit exceedances were noted during the period. • Networks/Infrastructure team working towards the Inflow and Infiltration Management Plan
Ngāruawāhia wastewater treatment plant	Discharge to water	AUTH119642.01.02.	March 2023	Moderate Non-Compliance	LoD	Non-compliances relate to: <ul style="list-style-type: none"> • Continuing non-compliance for Ammoniacal Nitrogen and Total Nitrogen.
Matangi wastewater treatment plant	Discharge to land	AUTH105551.01.02	March 2020	High Level of Compliance		2021-22 audit to be completed by WRC.

Site:	Consent type:	Consent number:	Last assessed by WRC:	Site Compliance Status:	Letter of Direction (LoD)/ Formal Warning (FW)/Abatement Notice (AN)	Comments
Te Akau water treatment plant	Water take	AUTH110226.01.01	August 2021	Full Compliance		2021-22 audit to be completed by WRC.
Port Waikato water treatment plant	Water take	AUTH136297.01.01	September 2022	Low Risk Non-Compliance		Non-compliances relate to: <ul style="list-style-type: none"> Demonstration of compliance with 7-day rolling average- this audit action has been resolved by adding the 7-day rolling average to the Water Outlook report.
Port Waikato water treatment plant	Discharge backwash water	AUTH136297.03.01	September 2022	Moderate Non-Compliance		Non-compliances relate to: <ul style="list-style-type: none"> Total aluminium discharge limit exceedance Actions has been taken by ceasing the backwash discharge since November 2022 and further investigation into the Total Aluminium exceedances. Actions were communicated to the WRC and monitoring results forwarded highlighting Total Aluminium results in the upstream exceeding the consented limits. Further communication with the WRC in progress with a request to amend the consent condition to better reflect compliance when the stream levels are high in total aluminium.
Huntly/Ngāruawāhia water treatment plants	Water take	AUTH136806	August 2021	Full Compliance		2021-22 audit to be completed by WRC.

Site:	Consent type:	Consent number:	Last assessed by WRC:	Site Compliance Status:	Letter of Direction (LoD)/ Formal Warning (FW)/Abatement Notice (AN)	Comments
Huntly water treatment plant	Discharge backwash water	AUTH105035	August 2021	Not Assessed		This consent is not in use
Ngāruawāhia water treatment plant	Discharge backwash water	AUTH108157.01.01	September 2022	Moderate Non-Compliance	LoD	Non-compliances relate to: <ul style="list-style-type: none"> Total Aluminium and Suspended solids consent limit exceedances The backwash discharge from the WTP will be connected to the wastewater network- this work is in progress.
Raglan water treatment plant	Water take	AUTH118341.01.01	August 2021	Low Risk Non-Compliance		2021-22 audit to be completed by WRC
Onewhero water treatment plant	N/a	N/a	N/a	N/a		Water take is within permitted activity limits and doesn't require a resource consent.
Te Kauwhata water treatment plant	Discharge backwash water	AUTH113133	March 2022	Low risk non-compliance		2021-22 audit to be completed by WRC

Open – Information only

1. Drinking Water Standards (DWSNZ) Compliance July-December 2022

Supply	Type	Drinking Water Standards Compliance Status July 2022-March 2023	Comment on Drinking Water Standards Compliance
Huntly	Supply	WTP bacteria: Compliant WTP protozoa: Compliant WTP chemical Compliant Zone: Compliant	Nil.
Ngāruawāhia	Supply	WTP bacteria: Compliant WTP protozoa: Compliant WTP chemical Compliant Zone: Compliant	Nil.
Raglan	Supply	WTP bacteria: Compliant WTP protozoa: Compliant WTP chemical Compliant Zone: Compliant	Nil.
Te Kauwhata	Supply	WTP bacteria: Compliant WTP protozoa: Compliant WTP chemical Compliant Zone: Compliant	Nil.
Te Akau	Supply	Small supply section: Compliant	Nil.
Port Waikato	Supply	Small supply section: Compliant	Nil.
Onewhero	Supply	Small supply section: Compliant	Nil.
Southern Districts, Waikato DC	Distribution only	Zone: Compliant	Nil.
Tuakau	Distribution only	Zone: Compliant	Nil.
Pokeno	Distribution only	Zone: Compliant	Nil.
North Western Dist, Waikato DC	Distribution only	Zone: Compliant	Nil.
Western District, Waikato DC	Distribution only	Zone: Compliant	Nil.

2. Drinking Water Quality Assurance Rule (DWQAR) Compliance January-March 2023

Supply	Type	Drinking Water Quality Assurance Rule 2022 Compliance Status January 2023-March 2023	Comment on Drinking Water Standards Compliance
Huntly	Supply	WTP DWQAR T3 rule: Compliant Zone DWQAR D3 rule: Compliant	Nil.
Ngāruawāhia	Supply	WTP DWQAR T3 rule: Compliant Zone DWQAR D3 rule: Compliant*	*Low FAC levels were noted in some of the monitoring samples during February 2023, however reactive flushing was completed to improve FAC results and after flush FAC results demonstrated compliance.
Raglan	Supply	WTP DWQAR T3 rule: Compliant Zone DWQAR D3 rule: Compliant	Nil.
Te Kauwhata	Supply	WTP DWQAR T3 rule: Compliant Zone DWQAR D3 rule: Compliant	Nil.
Te Akau	Supply	Zone DWQAR D1 rule: Compliant	Nil.
Port Waikato	Supply	WTP DWQAR T2 rule: Compliant Zone DWQAR D2 rule: Compliant	Nil.
Onewhero	Supply	WTP DWQAR T1 rule: Compliant Zone DWQAR D1 rule: Compliant	Nil.
Southern Districts, Waikato DC	Distribution only	Zone DWQAR D3 rule: Compliant	Nil.
Tuakau	Distribution only	Zone DWQAR D3 rule: Compliant	Nil.
Pokeno	Distribution only	Zone DWQAR D3 rule: Compliant	Nil.
North Western Dist, Waikato DC	Distribution only	Zone DWQAR D1 rule: Compliant	Nil.
Western District, Waikato DC	Distribution only	Zone DWQAR D2 rule: Compliant	Nil.

3. Drinking Water Quality Assurance Rules (DWQAR) Compliance comments.

Supply	Type	Comment on Quality Assurance rules
Huntly	Supply	<ul style="list-style-type: none"> • Supply connection between Huntly and Ngāruawāhia means both supplies are now registered as combined under the Taumata Arowai (TA) rules and water safety plans updated accordingly. • Continuous monitoring reports has been set up in Water Outlook and are linked to the Taumata Arowai reporting platform -Hinekorako for the monthly reporting. • Source Water Risk Management Plan (SWRMP)– consultants (Tokin n Taylor) have been engaged to undertake the SWRMP across the WDC supplies with an expected completion by November 2023. • Laboratory monitoring schedules has been reviewed and updated to demonstrate compliance against the DWQAR. • Significant increases in laboratory testing and distribution monitoring.
Ngāruawāhia	Supply	<ul style="list-style-type: none"> • Supply connection between Huntly and Ngāruawāhia means both supplies now registered as combined under the Taumata Arowai rules and water safety plans updated accordingly. • Continuous monitoring reports has been set up in Water Outlook and are linked to the Taumata Arowai reporting platform -Hinekorako for the monthly reporting. • Source Water Risk Management Plan (SWRMP)– consultants (Tokin n Taylor) have been engaged to undertake the SWRMP across the WDC supplies with an expected completion by November 2023. • Laboratory monitoring schedules has been reviewed and updated to demonstrate compliance against the DWQAR. • Significant increases in laboratory testing and distribution monitoring.
Raglan	Supply	<ul style="list-style-type: none"> • Raglan drinking water supply may be subject to a fluoridation direction under the Health (Fluoridation of Drinking Water) Amendment Act 2021 due to having a reasonable population size and not currently being fluoridated. • Updated Drinking Water Safety Plan (DWSP) has been submitted to TA in November 2022. • Continuous monitoring reports has been set up in Water Outlook and are linked to the Taumata Arowai reporting platform -Hinekorako for the monthly reporting. • Source Water Risk Management Plan (SWRMP)– consultants (Tokin n Taylor) have been engaged to undertake the SWRMP across the WDC supplies with an expected completion by November 2023. • Laboratory monitoring schedules has been reviewed and updated to demonstrate compliance against the DWQAR. • Significant increases in laboratory testing and distribution monitoring.

Supply	Type	Comment on Quality Assurance rules
Te Kauwhata	Supply	<ul style="list-style-type: none"> • Updated Drinking Water Safety Plan (DWSP) has been submitted to TA in November 2022. • Continuous monitoring reports has been set up in Water Outlook and are linked to the Taumata Arowai reporting platform - Hinekorako for the monthly reporting. • Source Water Risk Management Plan (SWRMP)– consultants (Tokin n Taylor) have been engaged to undertake the SWRMP across the WDC supplies with an expected completion by November 2023. • Laboratory monitoring schedules has been reviewed and updated to demonstrate compliance against the DWQAR. • Significant increases in laboratory testing and distribution monitoring.
Te Akau	Supply	<ul style="list-style-type: none"> • Updated Drinking Water Safety Plan (DWSP) has been submitted to TA in November 2022. • Zone monitoring reports has been set up in Water Outlook and are linked to the Taumata Arowai reporting platform - Hinekorako for the 6-monthly reporting. • Laboratory monitoring schedules has been reviewed and updated to demonstrate compliance against the DWQAR. • Significant increases in laboratory testing and distribution monitoring.
Port Waikato	Supply	<ul style="list-style-type: none"> • Updated Drinking Water Safety Plan (DWSP) has been submitted to TA in November 2022. • Plant and Zone monitoring reports has been set up in Water Outlook and are linked to the Taumata Arowai reporting platform - Hinekorako for the quarterly reporting. • Source Water Risk Management Plan (SWRMP)– consultants (Tokin n Taylor) have been engaged to undertake the SWRMP across the WDC supplies with an expected completion by November 2023. • Laboratory monitoring schedules has been reviewed and updated to demonstrate compliance against the DWQAR. • Significant increases in laboratory testing and distribution monitoring.
Onewhero	Supply	<ul style="list-style-type: none"> • Updated Drinking Water Safety Plan (DWSP) has been submitted to TA in November 2022. • Zone monitoring reports has been set up in Water Outlook and are linked to the Taumata Arowai reporting platform - Hinekorako for the 6-monthly reporting. • Source Water Risk Management Plan (SWRMP)– consultants (Tokin n Taylor) have been engaged to undertake the SWRMP across the WDC supplies with an expected completion by November 2023. • Laboratory monitoring schedules has been reviewed and updated to demonstrate compliance against the DWQAR. • Significant increases in laboratory testing and distribution monitoring.

Supply	Type	Comment on Quality Assurance rules
Southern Districts, Waikato DC	Distribution only	<ul style="list-style-type: none"> • Updated Drinking Water Safety Plan (DWSP) has been submitted to TA in November 2022. • Zone monitoring reports has been set up in Water Outlook and are linked to the Taumata Arowai reporting platform - Hinekorako for the monthly reporting. • Laboratory monitoring schedules has been reviewed and updated to demonstrate compliance against the DWQAR. • Significant increases in laboratory testing and distribution monitoring.
Tuakau	Distribution only	<ul style="list-style-type: none"> • Updated Drinking Water Safety Plan (DWSP) has been submitted to TA in November 2022. • Zone monitoring reports has been set up in Water Outlook and are linked to the Taumata Arowai reporting platform - Hinekorako for the monthly reporting. • Laboratory monitoring schedules has been reviewed and updated to demonstrate compliance against the DWQAR. • Significant increases in laboratory testing and distribution monitoring.
Pokeno	Distribution only	<ul style="list-style-type: none"> • Updated Drinking Water Safety Plan (DWSP) has been submitted to TA in November 2022. • Zone monitoring reports has been set up in Water Outlook and are linked to the Taumata Arowai reporting platform - Hinekorako for the monthly reporting. • Laboratory monitoring schedules has been reviewed and updated to demonstrate compliance against the DWQAR. • Significant increases in laboratory testing and distribution monitoring.
North Western Dist, Waikato DC	Distribution only	<ul style="list-style-type: none"> • Updated Drinking Water Safety Plan (DWSP) has been submitted to TA in November 2022. • Zone monitoring reports has been set up in Water Outlook and are linked to the Taumata Arowai reporting platform - Hinekorako for the 6-monthly reporting. • Laboratory monitoring schedules has been reviewed and updated to demonstrate compliance against the DWQAR. • Significant increases in laboratory testing and distribution monitoring.

5. Discussion Matapaki

An introduction meeting with Taumata Arowai staff and a board member was held in the Watercare Office on 13 March 2023, followed by a site visit to the Te Kauwhata, Huntly and Ngaruawahia Water Treatment Plants. The feedback received from Taumata Arowai regarding the meeting/site visits was positive.

Water Outlook reports for the Drinking Water Quality Assurance Rules have been updated and are now linked to the Taumata Arowai reporting platform-Hinekorako for the monthly, quarterly and yearly reporting.

The Wai Comply team conducted the July-December 2022 DWSNZ audit in February 2023. WDC supplies and zones remain compliant for the audited period.

The January-March 2023 Wai Comply audit is scheduled for April 2023, covering the new reporting requirements of Drinking Water Quality Assurance Rules. Internal assessment of the WDC supplies and zones demonstrates compliance with the Quality Assurance rules.

Ngaruawahia Water Treatment Plant UV installation is complete and capturing continuous monitoring data in Water Outlook for compliance reporting. Once the UV is fully commissioned, the Ngaruawahia WTP will be a 7-log instead of a 4-log plant.

All WDC Water Safety Plans were updated and submitted to Taumata Arowai in November 2022. Watercare is engaging consultants to review the Source Water Risk Management Plans in 2023.

WDC received an abatement notice against the Raglan WWTP discharge consent for the 2021-22 audit period. A response letter was submitted to WRC detailing the audit actions for the Raglan WWTP- Council has approved funding for a new plant capable of both land and harbour-based discharge and, therefore, not limiting the options for the new discharge consent when that is granted. An estimation of the timeframe for the construction of the new plant was also provided to WRC.

Letter of Direction received for the Huntly and Ngaruawahia WWTP discharge consents for the 2021-22 audit period, mainly due to the ongoing non-compliance with the nitrogen and suspended solids consented limit exceedances. An audit response letter was provided to the WRC detailing the actions taken to improve compliance in the short term (including the flow and load survey/analysis) and the timeframes around the plant upgrades.

A formal warning was received for the Te Kauwhata WWTP discharge consent during the 2021-22 audit period. A response to the audit actions was provided to WRC with updates on the progress and improvements of the Te Kauwhata WWTP upgrade. A recent update to WRC included the testing results from the temporary plant (ultrafiltration unit), highlighting the improved results for Total suspended solids.

Ngaruawahia WTP received a formal warning for the backwash discharge consent. Non-compliances with the total aluminium and suspended solid consented limits. Work in progress with the connection of the discharge tank to the wastewater network, which would resolve this issue.

6. Attachments

Ngaa taapirihanga

Attachment 1 –Regional Council Resource Consent Compliance Rating System

APPENDIX 1 Regional Council Resource Consent Compliance Rating System

July 2021- onwards:

Compliance Status	Compliance Grade
	Not Assessed
	Full Compliance Full compliance with all relevant consent conditions, plan rules, regulations and national environmental standards.
	Low Risk Non-Compliance Non-compliance with some of the relevant consent conditions, plan rules, regulations and national environmental standards. Non-compliance carries a low risk of adverse environmental effects or is technical in nature (e.g. failure to submit a monitoring report).
	Moderate Non-Compliance Non-compliance with most of the relevant consent conditions, plan rules, regulations and national environmental standards, where there are some environmental consequences and/or there is a moderate risk of adverse environmental effects.
	Significant Non-Compliance Non-compliance with many of the relevant consent conditions, plan rules, regulations and national environmental standards, where there are significant environmental consequences and/or a high risk of adverse environmental effects.

Prior to July 2021:

Compliance status for individual consents and the entire site	
Compliance Status	Description
Not assessed	Monitoring has not been undertaken at this site during the current financial year
Significant non-compliance	There has been a high priority non-compliance; and/or there have been several medium priority non-compliances.
Partial compliance	There has been a medium priority non-compliance; and/or there have been several low priority non-compliances.
High level of compliance	There has been a low priority non-compliance; and/or there have been several minor technical non-compliances.
Full compliance	All conditions that include limits or other direct controls on adverse effects have been complied with. A small number of minor technical non-compliances may have occurred.

To	Waters Governance Board
Report title	Exclusion of the Public
Date:	Monday, 20 March 2023
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	Good reason to withhold exists under Section 6 or Section 7 Local Government Official Information and Meetings Act 1987	Section 48(1)(a)
Item number PEX 2 Action Register		
Item PEX 3.1 Waters Financial Results to 31 March 2023		
Item PEX 3.2 Three Waters Reform Project Update		
Item PEX 3.3 Capital Projects Report - Update		

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
<p>Item PEX 3.4</p> <p>Helenslee Road Watermain Extension</p>	<p>Good reason to withhold exists under Section 6 or Section 7 Local Government Official Information and Meetings Act 1987</p>	<p>Section 48(1)(a)</p>

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
<p>Item PEX 1 Confirmation of Minutes</p> <p>Item number PEX 2 Action Register</p>	<p>Refer to the previous Public Excluded reason in the agenda for this meeting.</p>	
<p>Item PEX 3.1 Waters Financial Results to 31 March 2023</p>	<p>7(2)(b)(ii)</p> <p>7(2)(h)</p>	<p>To protect information that would otherwise unreasonably prejudice a person's commercial position.</p> <p>To enable commercial activities to be carried out without prejudice or disadvantage.</p>
<p>Item PEX 3.2 Three Waters Reform Project Update</p>	<p>7(2)(b)(ii)</p> <p>7(2)(h)</p> <p>7(2)(j)</p>	<p>To protect information that would otherwise unreasonably prejudice a person's commercial position.</p> <p>To enable commercial activities to be carried out without prejudice or disadvantage.</p> <p>To prevent use of the information for improper gain or advantage</p>

Item No.	Section	Interest
Item PEX 3.3 Capital Projects Update Report	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.
	7(2)(i)	To enable negotiations to carry on without prejudice or disadvantage
	7(2)(j)	To prevent use of the information for improper gain or advantage
Item PEX 3.4 Helenslee Road Watermain Extension Report	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.
	7(2)(j)	To prevent use of the information for improper gain or advantage

2. Attachments

There are no attachments for this report.
