



AGENDA

Wastewater Management Review Committee meeting Wednesday, 22 November 2023

I hereby give notice that a Wastewater Management Review Committee meeting will be held on:

Date: Wednesday, 22 November 2023

Time: To start at the conclusion of the Wastewater Management Review Committee Public Excluded Workshop, but not before 1:30pm.

Location: Ground Floor Meeting Room 1
306 Cameron Road
Tauranga

Please note that this meeting will be livestreamed and the recording will be publicly available on Tauranga City Council's website: www.tauranga.govt.nz.

Marty Grenfell
Chief Executive

Terms of reference – Wastewater Management Review Committee

Membership

Chairperson	Ms Lara Burkhardt – Ngā Pōtiki
Deputy chairperson	Commissioner Bill Wasley – Tauranga City Council
Members	Commissioner Stephen Selwood – Tauranga City Council Commissioner Bill Wasley – Tauranga City Council Commissioner Shadrach Rolleston – Tauranga City Council <i>(alternate member)</i> Mr Spencer Webster – Ngā Pōtiki Mr Whitiora McLeod - Ngāi Te Rangi Mr Des Heke - Ngāti Ranginui Ms Destiny Leaf – Ngāti Ranginui <i>(alternate member)</i>
Quorum	Four members with at least one member representing Tauranga City Council and one member representing Ngā Pōtiki
Decision-making	By consensus where possible. If consensus cannot be reached, by majority vote. If there is an equal number of votes, the member who is chairing the meeting has a casting vote.
Meeting frequency	A minimum of twice yearly
Meeting venue	To alternate between marae and council venues; or as appropriate to a meeting agreed by the Chairperson and the Deputy Chairperson.

The Committee previously had a membership of eight, four elected members from Tauranga City Council (TCC) and four iwi. Currently the membership will be reduced to six, two Commissioners appointed to represent the TCC and four who are appointed as representatives of iwi, with one member each from Ngāti Ranginui and Te Runanga o Ngāi Te Rangi Iwi Trust and two members representing Ngā Pōtiki ā Tamapahore Trust Board.

The Wastewater Management Review Committee is established as a committee of Council under the Local Government Act 2002 and conditions imposed on Bay of Plenty Regional Council Coastal Permit # 62878.

Role

- To ensure Wastewater operations are in accordance with the Wastewater Management Review Committee Management Plan.

Scope

- (a) To receive reports on the operation of the Wastewater Scheme, including reports in relation to monitoring and permit compliance, and to make recommendations to the Permit Holder on the development of Tauranga City Council's policies in relation to wastewater management, treatment and disposal, particularly following the review of wastewater treatment in light of new technologies and standards addressed in the Monitoring, Upgrade and Technology Review Report required by Condition 20 of Coastal Permit N^o 62878.

- (b) To make decisions about the application of the Environmental Mitigation and Enhancement Fund established in accordance with Condition 19 of Coastal Permit N^o 62878.
- (c) To make recommendations to the Permit Holder as to physical measures and initiatives to address or compensate for actual or potential effects of the Tauranga City Wastewater Scheme (in the broadest environmental sense).
- (d) Without limiting the generality of function (c) above, to make recommendations to the Permit Holder as to the implementation of the works to be undertaken in accordance with Permit N^o 62881, namely:
 - (i) Decommissioning of the Te Maunga Sludge Pond and the future use of the pond.
 - (ii) Conversion of the Te Maunga Oxidation Ponds to wetlands.
- (e) To make recommendations to the Permit Holder in relation to the independent consultant to be appointed to undertake the Monitoring, Upgrade and Technology Review Report required by Condition 20 of Coastal Permit N^o 62878.
- (f) To make recommendations to the Permit Holder as to enhancing the involvement of tangata whenua in sampling, testing and monitoring.
- (g) Assessment of the scope and adequacy of sampling and monitoring.
- (h) Notification to appropriate parties of activities that may have adverse effects.
- (i) To receive, review and recommend action following receipt of wastewater reports.
- (j) To recommend the commissioning of reports and future Tauranga City Council actions on wastewater management, treatment and disposal issues and options, including:
 - (i) Development of alternatives to waterborne wastewater systems;
 - (ii) Options for further treatments;
 - (iii) Options for methods of disposal;
 - (iv) Monitoring effects on the environment.
- (k) To co-ordinate and oversee education of the community on wastewater management, treatment and disposal issues.
- (l) To identify and make recommendations to the Permit Holder as to sources of funding which may be available to supplement the Environmental Mitigation and Enhancement Fund established pursuant to Condition 19 of Coastal Permit N^o 62878 hereof and to be applied for the purposes specified in that condition.
- (m) To make recommendations to the Permit Holder as to changes to conditions of these permits pursuant to section 127 of the Resource Management Act 1991, in light of the exercise of the Review Committee's functions, including reports received and information received as a result of monitoring, etc. or to avoid, remedy or mitigate actual or potential adverse effects associated with the operation of the Wastewater Scheme.
- (n) To foster robust relationships and dialogue between the Review Committee, the Permit Holder, the Western Bay of Plenty District Council and Bay of Plenty Regional Council in relation to wastewater management, treatment and disposal, particularly following the review of wastewater treatment in light of new technologies.
- (o) To make recommendations to Bay of Plenty Regional Council as to amendments to the conditions of these permits which could be implemented via a review under section 128 of the Act in accordance with Condition 22 of Coastal Permit N^o 62878.
- (p) Prior to making any:
 - (i) Decisions as to the allocation of the Environmental Mitigation and Enhancement Fund in accordance with Condition 18.3(b) of Coastal Permit N^o 62878 hereof or,
 - (ii) Recommendations to the Permit Holder in relation to physical environmental mitigation or enhancement or mitigation works in accordance with Condition 18.3(c) of Coastal Permit N^o 62878 hereof; -

the Review Committee will exercise its best endeavours to ascertain the existence of any persons or bodies who may have a particular interest or stake in the ecological health of the

Tauranga Harbour (particularly the Upper Harbour/Rangataua Bay area) and to consult with those bodies or persons as to appropriate initiatives and measures to be so recommended (in accordance with Condition 18.3(b) of Coastal Permit N^o 62878) or undertaken (in accordance with Condition 18.3(c) of Coastal Permit N^o 62878). As a minimum, the Review Committee shall consult with

- Nga Potiki Kaitiaki Resource Management Unit hapu and iwi of Te Runanga o Ngaiterangi Iwi Trust, Ngati Ranginui and Ngati Pukenga and Te Arawa and their respective hapu which hold kaitiaki status over the wider Tauranga Moana district, including any Working Group established by those hapu or iwi;
 - Bay of Plenty Regional Council and the Western Bay of Plenty District Council in relation to issues which may affect those councils in accordance with their function under Condition 18.3(m) of Coastal Permit N^o 62878 hereof.
- (q) Not later than one month following the first anniversary of the commencement of these permits and on each anniversary thereafter, the Wastewater Management Review Committee shall forward to the General Manager, Bay of Plenty Regional Council, a report on the exercise of its activities and functions, including where appropriate a report on the effectiveness of measures undertaken pursuant to the Environmental Mitigation and Enhancement Fund.
- (r) Not less than six months following the first anniversary of this permit and each fifth anniversary thereafter, the Wastewater Management Review Committee's annual report shall contain a review of its activities over the previous five-year period and recommendations for appropriate initiatives over the next five-year period, including any recommendations for changes to conditions of these permits which may be considered necessary or desirable. This report shall be available at least three months prior to the date on which Bay of Plenty Regional Council is entitled to review the conditions of these permits in accordance with Condition 22 of Coastal Permit N^o 62878 hereof.
- (s) A copy of this report shall also be provided to the Chief Executive, Tauranga City Council.
- (t) As set out in Condition 18.1.3 of Coastal Permit N^o 62878, the Wastewater Management Review Committee Management Plan may be amended with the written approval of the Chief Executive of Bay of Plenty Regional Council or delegate.
- (u) Confirmation of Committee minutes.

Reporting

The Wastewater Management Review Committee reports to Council and the Chief Executive of the Bay of Plenty Regional Council.

Chairperson and Deputy Chairperson acting as Co-Chairs

The Chairperson and Deputy Chairperson of the Wastewater Management Review Committee (WWMRC) have a governance role to ensure that the WWMRC meets regularly and undertakes its role to monitor and provide advice to Tauranga City Council as the consent holder of Bay of Plenty Regional Council Coastal Permit # 62878 and ensure wastewater operations are in accordance with the Wastewater Management Plan.

- The Chairperson will be appointed by the Tauranga City Council following a recommendation of the Wastewater Management Review Committee.
- The Deputy Chairperson will be appointed by the Wastewater Management Review Committee.
- While these roles are separately appointed it is the intention that they act as co-chairs.
 - Only one person can chair a meeting at any one time. The person chairing the meeting has the powers of the chairperson as set out in standing orders and has the option to use the casting vote in the case of an equality of votes.

- The rotation of the meeting chairs is at the discretion of the Chairperson and Deputy Chairperson and subject to their availability, however it is expected that they will alternate chairing meetings when possible.
- When the Deputy Chairperson is chairing the meeting, the Chairperson will vacate the chair and enable the Deputy Chairperson to chair the meeting. The Chairperson will be able stay and participate in the meeting unless they declare a conflict of interest in an item, in which case they will not participate or vote on that item.
- The Chairperson and Deputy Chairperson will attend pre-agenda briefings and split any other duties outside of meetings, e.g. spokesperson for WWMRC.
- The Chairperson and Deputy Chairperson will jointly oversee and co-ordinate all activities of the WWMRC within their specific terms of reference and delegated authority, providing guidance and direction to all members and liaising with Council staff in setting the content and priorities of meeting agendas.
- The Chairperson and Deputy Chairperson will be accountable for ensuring that any recommendations from the WWMRC are considered by the Tauranga City Council.

Refer to the position description for the Chairperson and Deputy Chairperson for more details.

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- 1 OPENING KARAKIA**
- 2 APOLOGIES**
- 3 PUBLIC FORUM**
- 4 ACCEPTANCE OF LATE ITEMS**
- 5 CONFIDENTIAL BUSINESS TO BE TRANSFERRED INTO THE OPEN**
- 6 CHANGE TO ORDER OF BUSINESS**

7 CONFIRMATION OF MINUTES

7.1 Minutes of the Wastewater Management Review Committee meeting held on 11 October 2023

File Number: A15302656

Author: Anahera Dinsdale, Governance Advisor

Authoriser: Anahera Dinsdale, Governance Advisor

RECOMMENDATIONS

That the Minutes of the Wastewater Management Review Committee meeting held on 11 October 2023 be confirmed as a true and correct record.

ATTACHMENTS

- 1. Minutes of the Wastewater Management Review Committee meeting held on 11 October 2023**



MINUTES

Wastewater Management Review Committee meeting Wednesday, 11 October 2023

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**MINUTES OF TAURANGA CITY COUNCIL
WASTEWATER MANAGEMENT REVIEW COMMITTEE MEETING
HELD AT THE GROUND FLOOR MEETING ROOM 1, 306 CAMERON ROAD, TAURANGA
ON WEDNESDAY, 11 OCTOBER 2023 AT 1PM**

PRESENT: Commissioner Bill Wasley (Chairperson), Mr Whitiora McLeod, Mr Spencer Webster and Mr Des Heke.

VIA AUDIO VISUAL

LINK: Commissioner Stephen Selwood, Ms Destiny Leaf and Ms Lara Burkhardt

IN ATTENDANCE: Commissioner Shadrach Rolleston, Wally Potts (Director, Waters), Jane Groves (Stormwater Programme Leader), Jim Summers (Consents Officer), Shaleen Narayan (Team Leader: Governance Services), Anahera Dinsdale (Governance Advisor)

1 OPENING KARAKIA

Commissioner Shadrach Rolleston opened the meeting with a karakia.

It was noted that Commissioner Shadrach Rolleston was in attendance as an alternate for Tauranga City Council but due to both Commissioners Wasley and Selwood both being present, he was in attendance to hear discussion. The Chair afforded Commissioner Shadrach Rolleston rights to speak but he could not vote in the meeting.

2 APOLOGIES

APOLOGY

COMMITTEE RESOLUTION WW2/23/1

Moved: Commissioner Bill Wasley

Seconded: Mr Spencer Webster

That the apology for lateness received from Mr Des Heke be accepted.

It was noted that Nic Johanson was also an apology for absence.

CARRIED

3 PUBLIC FORUM

None

4 ACCEPTANCE OF LATE ITEMS

None

5 CONFIDENTIAL BUSINESS TO BE TRANSFERRED INTO THE OPEN

None

6 CHANGE TO ORDER OF BUSINESS

None

7 CONFIRMATION OF MINUTES

7.1 Minutes of the Wastewater Management Review Committee meeting held on 31 May 2023

COMMITTEE RESOLUTION WW2/23/2

Moved: Mr Whitiora McLeod

Seconded: Commissioner Bill Wasley

That the minutes of the Wastewater Management Review Committee meeting held on 31 May 2023 be confirmed as a true and correct record.

CARRIED

8 DECLARATION OF CONFLICTS OF INTEREST

None

9 BUSINESS

9.1 Wastewater Programme Business Case

Staff Nic Johansson, General Manager: Infrastructure Services
Jane Groves, Stormwater Programme Leader

Key points

- The report provided an update of progress of the Programme Business Case (PBC) since the meeting held on 31 May 2023. At this meeting, the Recommendations were not endorsed by the Committee.
- The Project Working Group met multiple times to discuss and agree on a range of matters raised by Tangata Whenua.
- All project reporting for the PBC to the Committee would be joint representation of tangata whenua and staff.

Key Service Requirements 8

- The Tangata Whenua report stated that “Cultural Redress” was an inappropriate term and the paper indicated that the PBC would not mean that tangata whenua could not pursue aspirations in terms of tangata whenua vision for land at Te Maunga to be returned. The amended wording was “Promotes opportunities for strong and enduring partnerships with tangata whenua” and should incorporate KSR 8.

Key Service Requirements 11

- The project working group agreed to wording amendment. The wording change was reflected in the Recommendations below.
- The level and metric were also amended to reflect the change of the amended wording and the scope levels remain unchanged.

Critical Success Factor (CSF) 17 – Must not disturb additional urupā or wāhi tapu sites

- Discussion regarding the phrase “Must not disturb additional urupā or wāhi tapu sites”.
- It was noted that tangata whenua and staff were still debating what this meant to each party.

- Iwi Members noted that there was existing pipe work in urupā and wāhi tapu sites and recognised that these would need to be regularly inspected and remedial work undertaken when required, however they did not expect upgrades or additions to occur at the sites.
- There was agreement in principal that a new CFS should be added, however staff would still seek further clarification from tangata whenua before the word “additional” was included in the final PBC.

Long List Assessment Criteria on Hapu and Iwi Management Plans

- General agreement to include long list assessment criteria on hapu and iwi management plans and staff recommended for inclusion to PBC.

Critical Success Factor 10 – Must not discharge treated wastewater directly to natural wetlands, groundwater, rivers, lakes and streams.

- Wording changed to “must not discharge to natural fresh water receiving environments”.
- The project working groups discussed the sea water receiving environments. It was noted that tangata whenua had a desire to phase this out.

Key Service Requirement 12

- The metric and scope levels would be confirmed by project working group.
- The word ‘coast’ would be replaced with ‘seawater’.

Mortuary Waste

- Desire in PBC to look at separation of mortuary waste in wastewater stream.
- Wastewater Management Review Committee within the scope of the terms of reference should request that staff undertake an investigation and provide a feasibility and possibility report to the next Wastewater Management Review Committee.

Geographical Scope

- It was noted that tangata whenua do not support increasing the geographical scope beyond where the Te Maunga Wastewater Treatment Plant. The staff clarified the scope level set out in PBC related to service and not how the service took place.

Draft Terms of Reference for Wastewater Programme Business Case

- Terms Of Reference was prepared for Wastewater PBC and was circulated to members in June 2023.
- It was recognised that the Terms of Reference (TOR) was not discussed in any length by the Project Working Group. There was an indicative signal that an agreed TOR would be done in November 2023 by the Project Working Group.

Discussion points raised

- Chair acknowledged the members of the Project Working Group for the work ethic on the PBC.

Key Service Requirement 6

- Expressed difficulty in understanding minimum and maximum aspirational scope levels. Iwi member expressed the desire for a word change to specify practicality of the visions and cover off all issues.
- Members agreed on the need of further discussion regarding the matters in KSR 6 by the Project Working Group.
- It was noted that the land that was to be decommissioned for pond 1 was originally taken under the Public Works Act, Iwi Members considered that as the land was no longer needed for the purpose in which it was taken, it should be returned. It was suggested that KSR 6 in relation to the land, was changed from maximum scope to intermediate scope.
- Discussion ensued on the return of the land as it was no longer

Key Service Requirement 11

- Ultimately to protect and look after cultural heritage sites.
- Amendment of wording – ‘take practicable steps to not disturbing urupa and waahi tapu sites where they are known’.
- It was expressed that the potential need for Council to interpretate from a holistic point of view rather than a wastewater scientific point of view.

Critical Success Factor 10

- There were currently two constructed habitat wetlands at the Te Maunga Treatment Plant which the discharge flowed through before reaching the outfall.

UNCONFIRMED

COMMITTEE RESOLUTION WW2/23/3

Moved: Commissioner Bill Wasley

Seconded: Mr Spencer Webster

That the Wastewater Management Review Committee:

- (a) Receives the report "Wastewater Programme Business Case".
- (b) Endorse the PBC outputs (as set out below and in **Attachment 1** which were presented at the 31st May WWMRC meeting for endorsement). Those items coloured green in the attachment are not confirmed and are addressed separately in c) below.
 - Investment Logic Map: confirms problem statements and define benefits from investment
 - Benefits, KPIs and Measures: baseline and target values to be confirmed
 - Investment Objectives
 - Key Service Requirements (KSRs): describe a change sought, and the degree of change (minimum, intermediate, maximum) the programme investment is expected to deliver. Subsequent steps of the PBC will identify responses capable of delivering the respective levels of change for each KSR. The KSRs are broad, and include growth and geographical coverage, tangata whenua partnership and values, environmental considerations and resilience requirements.
 - Scope parameters: the scope boundaries for the investment (based on the KSRs). Only options within the range of minimum, intermediate and maximum will be assessed.
- (c) Endorse actions as agreed at the 13th September hui:
 - i. All reporting to the WWMRC in relation to the PBC will be joint, and as such, represent the views of the PBC project team as a whole.
 - ii. Amend wording for KSR 11 to **'Actively seeks practicable alternative options to the two consented overflows from the WWTPs'**. The level/metric has also been amended to reflect this change. The scope levels remain unchanged.

KSR	Level/metric	Minimum (Critical)	Intermediate (Desirable)	Maximum (Aspirational)	
11	Seeks to avoid direct wet weather wastewater overflows to wai receiving environments	Extent of direct wet weather wastewater overflows to wai receiving environments	No increase in extent of direct wet weather wastewater overflows to wai receiving environments	Reduction in extent of direct wet weather wastewater overflows to wai receiving environments	Minimise direct wet weather wastewater overflows to wai receiving environments

NEW KSR NAME:
Actively seek practicable alternative options to the two consented overflows from the WWTPs

NEW KSR LEVEL/METRIC:
Extent of direct wet weather wastewater overflows to wai receiving environments from 2 consented overflows from the WWTPs

- iii. Add long list assessment criteria on **'Hapū and Iwi Management Plans'**
- iv. Amend KSR 12 to **'Actively seek practicable alternative options to the discharge of wastewater to seawater'**. The metric and scope levels for this KSR will need to be confirmed with the project team.
- v. Request that the WWMRC ask staff to investigate the separation of mortuary waste from the wastewater stream for report back at future WWMRC meetings.
- vi. Continue to work together on the 'Terms of Reference', paying particular attention to setting out PBC purpose, decision-making and PBC approval, with a view to

finalising within one month of this meeting.

CARRIED

9.2 WWMRC Activity Report

Staff Jim Summers, Consents Officer and Acting Manager: Drainage Services
Bryan Everitt, Team Leader: Engineer Services

Power point Presentation

Key points

- The Te Maunga Pond 1 outfall discharge seepage rate was well within the consents conditions.
- There were no new odour complaints for Chapel Street or Te Maunga.
- There were no new overflow emergency discharges since the June 2023 Wastewater Management Review Committee.
- Since the previous June 2023 Committee meeting, there had been 23 blockage reports notified to Council. 18 did not leave the network, two discharged into the stormwater system and three potentially made the receiving environment.
- The contractor desludging Pond one (1) was working a 24 hour operation and tracking on schedule.
- Over 6,000 dry tonnes had been removed since the desludging begun. The Consent expire March 2024.
- Bay of Plenty Regional Council undertook a site inspection July 2023 and were satisfied with the compliance with the consent.
- The construction contract for Clarifier 3 was awarded to HEB and construction had begun. Excavation was due to commence late September 2023. Nga Pōtiki had been commissioned to provide cultural monitoring during the excavation.
- Construction of the internal grid piles for Bioreactor Two was complete and were currently being tested and checked for compliance with specifications.
- The Landward Section of Outfall was now complete
- Marine Section outfall had been cleared of debris. The CCTV inspection data was being review by a consultant and results were expect six to nine weeks from this meeting.
- New Inlet Works had commenced and would be completed in the third quarter of 2024.
- A number of ground site investigations would commence late 2023 for Bioreactor three and Picket Fence Thickener three
- The Interviews of candidates for Environmental Mitigation and Enhancement Fund (EMEF) had already taken place. TCC to provide and recommend candidates and the EMEF Panel made final decision.

Discussion points raised

- The Committee encouraged the Panel to finalise the EMEF candidate and progress it forward.

Inflow & Infiltration Strategy

Power point presentation

- A new strategy put together in 2022 to prevent rainwater and ground water entering the Wastewater system.
- Consequences of this included increased operations costs, reduced capacity in the waste water system, increased Capital costs and wet weather over flows.
- It was noted that almost all the main sources for infiltration were faults like cracked pipes or gully traps in both private and public infrastructure.
- Tauranga currently had a low level of inflow and infiltration with a 1.2% average. It was noted

- that other New Zealand cities and towns typically reported five to ten percent, sometimes more.
- The Tauranga wet weather inflows were below average compared to others in New Zealand.
 - There had been a lot of work completed between 2008 and 2020 before Covid. There were 45 catchment investigations which included smoke testing and manhole and property gully trap inspections. These areas were selected based off the trends record.
 - The Inflow and Infiltration strategy pillars included prevention, issue identification, implantation and annual and three yearly review.
 - The key deliverables from the 2023 Annual Report and programme review included the graphical inflow and infiltration database that had been developed and a list of prioritised catchments and a list of improvements.
 - It was noted that the main objective of the Inflow and infiltration strategy was to maintain and pertain standards.

Discussion points raised

- Staff were acknowledged for their work.

COMMITTEE RESOLUTION WW2/23/4

Moved: Commissioner Stephen Selwood

Seconded: Mr Whitiora McLeod

That the Wastewater Management Review Committee:

- (a) Receives the report "WWMRC Activity Report".

CARRIED

Attachments

- 1 WWMRC Meeting Power point October 2023 - Activity Report (A15174492)
- 2 WWMRC Meeting Power point October 2023 - I&I Update (A15182039)

9.3 Treated Wastewater for Street Tree/Garden Irrigation

Staff Jim Summers, Consents Officer

Key points

- Noted the climate change and extreme weather events in 2023 and TCC were committed to maintaining and enhancing the health of our source water streams.
- The Oct to Dec 2023 predictions showed that the soil moisture levels were below average (45% chance)
- TCC staff were investigating and trial the reuse of treated wastewater to irrigate urban open spaces along Maunganui Road and Papamoa, which was a practical solution to address water resource scarcity. It was noted that this was already being practiced in other parts of New Zealand and the world. TCC had used irrigated wastewater at the Omanu Golf Course.
- The TCC Water watchers plan was focussed on establishing good water practices, whatever the weather may be. The aim was to have a plan in place before the demand for water occurs
- It was noted that any water use which falls outside the standard approval system were required to have a smart water plan.
- The Environmental Strategy and Nature and Biodiversity Action Plan included more street trees and plants across city in near future. These trees would support climate change mitigation, provide amenity and ensure Council meets the target to increase tree canopy and indigenous vegetation. In short term, this would likely increase the demand for water.

In response to questions

- The feedback from Tangata whenua was that they were ok with progressing study and investigation regarding use of highly treated water but interested in how the feedback from tangata whenua to staff would happen.
- The water effluent would go through full system, wetland and UV disinfection plant before the water was used to irrigate.
- Staff expect that the start of this trial and investigation would be in small quantities.
- It was noted that the Committee supported the trial and investigation.

Discussion points raised

- Staff noted that there was no residual disinfectant in the treated water after the water filtered through the UV plant.
- Staff noted that the trial couldn't progress without resource consents. Staff would investigate first and foremost and report back to Committee before progressing with the trial.
- It was suggested that staff meet with Te Rangapu Mana Whenua o Tauranga Moana regarding the trial and investigation on reuse of treated water.

COMMITTEE RESOLUTION WW2/23/5

Moved: Commissioner Bill Wasley

Seconded: Commissioner Stephen Selwood

That the Wastewater Management Review Committee:

- (a) Receives the report "Treated Wastewater for Street Tree/Garden Irrigation".
- (b) Supports the investigation for the reuse of treated water for watering street trees.
- (c) Staff to provide report on findings of investigation and process moving forward.
- (d) Provide feedback on the reuse of treated wastewater for watering street trees and potentially other locations

CARRIED

Attachments

- 1 WWMRC Meeting Power point October 2023 - Treated Wastewater (A15175786)

10 DISCUSSION OF LATE ITEMS

None

11 CLOSING KARAKIA

Commissioner Shadrach Rolleston closed the meeting with a karakia.

The meeting closed at 3:33pm.

The minutes of this meeting were confirmed as a true and correct record at the Wastewater Management Review Committee meeting held on 22 November 2023.

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CHAIRPERSON

UNCONFIRMED

8 DECLARATION OF CONFLICTS OF INTEREST

9 BUSINESS

9.1 Appointment of Chairperson of Wastewater Management Review Committee

File Number: A15297214

Author: Coral Hair, **Manager:** Democracy and Governance Services

Authoriser: Christine Jones, **General Manager:** Strategy, Growth & Governance

PURPOSE OF THE REPORT

1. This report recommends that Spencer Webster be appointed Chairperson of the Wastewater Management Review Committee (WWMRC) as requested by Ngā Potiki ā Tamapahore Trust Board representatives.

RECOMMENDATIONS

That the Wastewater Management Review Committee:

- (a) Receives the report "Appointment of Chairperson of Wastewater Management Review Committee".
- (b) Recommends to Council that Spencer Webster (Ngā Potiki) is appointed as the Chairperson of the Wastewater Management Review Committee.
- (c) Thanks Lara Burkhardt for her services as Chairperson of the Wastewater Management Review Committee.

BACKGROUND

2. Lara Burkhardt was appointed Chairperson of the WWMRC by Council on 5 September 2022 following a recommendation from the WWMRC. At the same time Commissioner Bill Wasley was appointed as Deputy Chairperson and the terms of reference were amended to enable alternate presiding of meetings between the Chair and Deputy Chair. The revised governance arrangements for the WWMRC and appointments were the result of a thorough discussion by the members.
3. Spencer Webster was endorsed and appointed by Council on 29 May 2023 as the Ngā Potiki ā Tamapahore Trust Board representative to the WWMRC in place of Te Rangimārie Williams.
4. A request has been received from Lara Burkhardt and Spencer Webster to enable Spencer Webster to step into the Chairperson's role.

STRATEGIC / STATUTORY CONTEXT

5. The WWMRC is a special committee established both by the Council (under the Local Government Act 2002) and the management plan approved by the Bay of Plenty Regional Council that sets out how the WWMRC is to operate under the conditions of resource consent 62878 and the iwi membership of this is set by the consent. The management plan is silent on the arrangements for chairing the meetings. This is not a matter that would be addressed under this plan and there is no requirement to amend this plan to spell out chairing arrangements. The Local Government Act 2002 requirements relating to chairing of meetings, and the appointments of a Chair and Deputy Chair apply.
6. The Mayor has the power under section 41A (3)(c) to appoint the chairperson of each committee and Council has the power to discharge a chairperson appointed by the Mayor

(section 41A(4) (d)). The Commission Chair does not have the powers of the Mayor and therefore Clauses 25¹ and 26(3) of Schedule 7 of the Local Government Act 2002 (LGA) apply. Sub-clauses 26(3) and (4) state:

- (3) *The local authority may appoint a member of a committee to be the chairperson of that committee and, if the local authority, on the appointment of the committee, does not appoint a chairperson, that power may be exercised by the committee.*
- (4) *The local authority or the committee may appoint a deputy chairperson to act in the absence of the chairperson.*

OPTIONS ANALYSIS

7. The WWMRC has the following options:
 - (a) Agree to the recommendation to appoint Spencer Webster as chair
 - (b) Continue with the appointment of Lara Burkhardt as chair
 - (c) Recommend another person be appointed as chair
8. Given that this change has been requested by Ngā Potiki ā Tamapahore Trust Board members, and that the previous decision of the WWMRC was to appoint a member of Ngā Potiki as the Chairperson, option (a) is considered the preferred option.

FINANCIAL CONSIDERATIONS

9. There are no financial considerations.

LEGAL IMPLICATIONS / RISKS

10. The current chairperson can remain in the position until replaced and WWMRC can continue to meet and be chaired alternatively by the chairperson or deputy chairperson.

SIGNIFICANCE

11. The Local Government Act 2002 requires an assessment of the significance of matters, issues, proposals and decisions in this report against Council's Significance and Engagement Policy. Council acknowledges that in some instances a matter, issue, proposal or decision may have a high degree of importance to individuals, groups, or agencies affected by the report.
12. In making this assessment, consideration has been given to the likely impact, and likely consequences for:
 - (a) the current and future social, economic, environmental, or cultural well-being of the district or region
 - (b) any persons who are likely to be particularly affected by, or interested in, the decision.
 - (c) the capacity of the local authority to perform its role, and the financial and other costs of doing so.
13. In accordance with the considerations above, criteria and thresholds in the policy, it is considered that the decision is of low significance.

ENGAGEMENT

14. Taking into consideration the above assessment, that the decision is of low significance, officers are of the opinion that no further engagement is required prior to the Committee making a decision.

¹ Clause 25 relates to the voting systems for certain appointments, including for the chairperson and deputy chairperson of a committee.

NEXT STEPS

15. The Council approves the WWMRC's recommendation and appoints the Chairperson of WWMRC.

ATTACHMENTS

Nil

9.2 Wastewater Activities Report

File Number: A15295542

Author: Radleigh Cairns, **Manager:** Drainage Services

Authoriser: Nic Johansson, **General Manager:** Infrastructure

PURPOSE OF THE REPORT

1. To provide information to the Wastewater Management Review Committee on the status of wastewater network and associated projects.

RECOMMENDATIONS

That the Wastewater Management Review Committee:

- (a) Receives the report "Wastewater Activities Report".

DISCUSSION

Wastewater Consents

2. Results of sample monitoring associated with Council's wastewater consents are all within consent limits.
3. RC 62878 (Te Maunga Discharge Consent) requires Council to undertake, in 2024, a broad spatial study of benthic biota and sediments in the vicinity of the outfall comparable to that carried out originally as part of the consent application process. Staff are working to appoint a contractor for this study. The previous study was conducted in 2014 (**attachment 1**).
4. In 2024, RC 62878 also requires Council to commission a comprehensive assessment of the wastewater discharge and the operation and effects of the wastewater scheme and technological developments in relation to wastewater treatment and disposal and re-use systems and techniques. Based on this work a Monitoring, Upgrade and Technology Review Report (MUTR) will then be prepared. The previous report was undertaken in 2019 (**attachment 2**).
5. The assessment shall be undertaken by a suitably qualified independent New Zealand specialist(s) in wastewater systems. The WWMRC, as set out in its terms of reference, is to make recommendations to Council in relation to the independent consultant appointed.
6. Previously Beca have been the technical lead for this review with other specialists recruited as required (including those specified by the tangata whenua committee members for the cultural report, refer item 8 below).
7. Staff's recommendation will be for Beca to once again perform this role. Staff also propose that the committee be provided with an opportunity to ask questions and assess Beca's approach to the assessment at the upcoming WWMRC meeting.
8. RC 62878 anticipates that tangata whenua will prepare a report as part of the review, and Council resource this requirement appropriately so that any conclusions and outcomes are incorporated into the final MUTR report.

Pond 1 desludging

9. The contractor has now removed 7500 dry tonnes of sludge since desludging began in October 2022. Seepages have remained well within consented limits throughout the process, even with contractors working on the harbour face of the pond over the last two months. Contractors are currently working 24 hrs a day with completion currently anticipated to be in line with the disposal consent requirement of March 2024.

Te Maunga Capex Projects

10. Construction continues to be on remediation of piles for Bioreactor two. Remediation could take between 4 and 6 months with completion of ground improvement works pushed out to April 2024. Above ground works will commence thereafter and take approximately 15 months.
11. Construction of Clarifier three has progressed well, with sheet piles and a dewatering system installed. Excavation for piling has been completed and pile installation underway. This project is currently ahead of schedule.
12. The existing inlet works odour bed is to be decommissioned and replaced with new technology requiring a smaller footprint with works to begin towards the end of 2024. A preferred concept option for the new inlet works is expected prior to Christmas with preliminary design to commence around September 2024.
13. A preliminary site assessment for Bioreactor three is underway with geotechnical and groundwater investigations to commence at the beginning of 2024.
14. Dye testing of the marine outfall requires very favourable conditions and so is scheduled for the beginning of 2024. This will complete the condition assessment investigations and enabling progress on what if any remediation is required.



Biosolids Strategy

15. In 2016 Council began work on a Biosolids strategy as a response to the consent requirement to decommission Pond 1 as a sludge pond. Stage 1 of the strategy was completed with the commissioning of Te Maunga's thickening and dewatering plant in April 2019 which enabled Council to remove the need to dispose of the waste activated sludge into Pond 1.
16. Stage 2 of the biosolids strategy included looking at the long-term approach to biosolids management. This included both the current disposal option (a mixture of Vermi-composting and landfill disposal moving towards 90%+ vermi-composting) and the current longer-term option of solar drying (which is included in both the 2021-31 and draft 2024-34 Long Term Plans).
17. Stage 3, underway, includes staff and the WWMRC considering the long-term future of Pond 1 (this matter is identified within the suite of wastewater consents as a function of the committee). Consideration of pond 1's future will also be through the Wastewater Programme Business Case (PBC) which is described further below.
18. A review of the biosolids strategy is timely given the work underway with the wastewater PBC, the upcoming 5 yearly MUTR report, and the nearing completion of the desludging of Pond 1.
19. An opportunity for staff to visit a number of North American treatment plants with varying solutions to the disposal of biosolids along with energy neutrality and wastewater reuse presented itself as part of a trip to the Water Environment Federations Technical Exhibition and Conference (WEFTEC) in October.
20. Staff and Beca will present an overview of the study tour and the types of existing and new technologies currently utilised as an introduction to this topic to current WWMRC members.

Wastewater Programme Business Case

21. The PBC will define a 'preferred way forward' and roadmap for future investment in the wastewater scheme and broader initiatives to improve environmental performance, strengthen partnerships with tangata whenua and improve system resilience. The PBC process involves defining key issues with the wastewater scheme, the development of objectives and service requirements for future investment and proposes possible options or responses which could be implemented to meet service requirements. These responses may include both infrastructure and non-infrastructure options (e.g. educational and policy setting/coverage changes). The PBC will include consideration of, and provide direction for, the future of the marine outfall, the biosolids strategy and the future of Pond 1 in addition to a wide range of other matters.
22. At its last meeting on 11 October, the WWMRC endorsed all outputs of the PBC to date with the exception of two outstanding matters as follows:
 - A new or amended KSR 8 *Enables strong, enduring partnerships with tangata Whenua (enabling active protection and informed decision-making)*; and,
 - Add a new CSF17 *'Must not disturb additional urupā or wāhi tapu sites' (or similar wording)*.
23. It was noted by the WWMRC that the KSR 8, as proposed, was considered to be outside the scope of the PBC as it addressed matters relating to the restoration and return of land, and for CSF17, that further clarification on the wording 'disturb' and 'additional' was required.
24. The project team are currently looking to clarify the intent of the above matters and exploring possible alternative wording for consideration by the WWMRC at the next meeting?

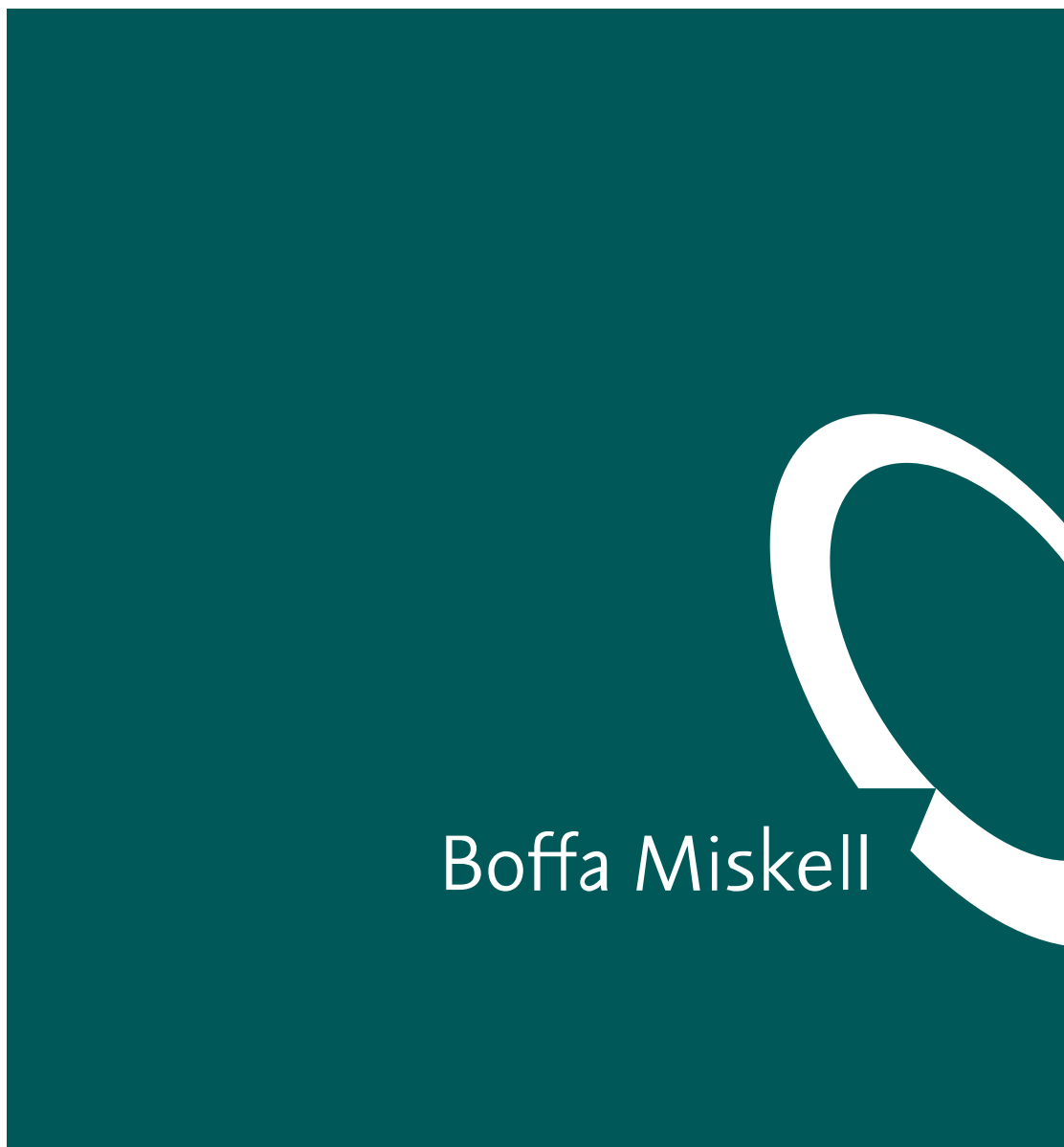
ATTACHMENTS

1. **Outfall Ecological Study 2014 - A9226873** [↓](#) 
2. **FINAL MUTR Report August 2020 inc_Appendices - A15298068** [↓](#) 



Survey of Benthic Ecology and Sediments around the Ocean Outfall, 2014

Prepared for Tauranga City Council

22 September 2014



Document Quality Assurance

Bibliographic reference for citation: Boffa Miskell Limited 2014. <i>Survey of Benthic Ecology and Sediments around the Ocean Outfall, 2014</i> : [Subject]. Report prepared by Boffa Miskell Limited for Tauranga City Council.		
Prepared by:	Dr Sharon De Luca Principal / Ecologist Boffa Miskell Limited	
Reviewed by:	Louise Clark Associate Principal / Ecologist Boffa Miskell Limited	
Status: FINAL	Revision / version: 0	Issue date: 22 September 2014

Template revision: 20140326 0000

File ref: T14036_Report_Draft_20140724.docx

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Appendices

Appendix A: Sediment Cores

Appendix B: Biological Data

Appendix C: Statistical Results

10 DISCUSSION OF LATE ITEMS

11 CLOSING KARAKIA