



The Chairman and Members

Tauranga Moana Advisory Group

NOTICE IS GIVEN that the next meeting of the **Tauranga Moana Advisory Group** will be held at the **Cruise Deck, Club Mount Maunganui, 45 Kawaka Street, Mount Maunganui** on:

Friday, 16 November 2018 commencing at 9:30 am





Tauranga Moana Advisory Group

Statement of Purpose

He aha ai? - *purpose*

Whanaungatanga and kaitiakitanga are the basis on which we want to move forward together. The purpose of Tauranga Moana Advisory Group is to continue building strong working relationships to support and enhance the health of our harbour and catchments.

Ahuatanga o te noho - *background*

The Tauranga Moana Iwi Collective Deed of Settlement, once passed into law, will require a Tauranga Moana Governance Group to be established. To prepare for the Governance Group, this Tauranga Moana Advisory Group has been established. The first Advisory Group meeting was held 17 November 2014 and it will continue to meet, share information and provide direction to staff of partner agencies until replaced by the Governance Group.

Whai wāhitanga - *participation*

Participants in Tauranga Moana Advisory Group will be representatives of the partners to Tauranga Moana Programme. At this stage, partners include Tauranga Moana iwi and hapū as represented by Ngāti Ranginui, Ngāi Te Rangī and Ngāti Pūkenga (Tauranga Moana Iwi Collective) as well as Western Bay of Plenty District Council, Tauranga City Council and Bay of Plenty Regional Council.

Ngā turanga - *roles*

The role of participants in the Advisory Group is to:

- **Whakataurite - *coordinate***: oversee and contribute to the work that partners do in the harbour and catchments
- **Whakarongo - *listen***: ensure the views of the hapū, iwi and wider community are represented in the work we do
- **Whakawhanaungatanga - *involve***: promote and support hapū, iwi and the wider community participating in our work
- **Whakatohatoa - *share***: provide regular updates to, and share information with partners
- **Whakakotahi - *integrate***: promote the integration of our work so we can achieve our purpose together



Tauranga Moana Advisory Group Agenda

Friday, 16 November 2018, 9.30am – 12:30pm

Cruise Deck, Club Mount Maunganui

Chairman: Councillor N Bruning, Bay of Plenty Regional Council

Deputy Chairman: C Tawhiao, Ngāi Te Rangi

Members: Councillor P Thompson, Bay of Plenty Regional Council
Councillor A von Dadelszen, Bay of Plenty Regional Council
Councillor M McDonald, Bay of Plenty Regional Council
Councillor C Stewart, Tauranga City Council
Councillor K Clout, Tauranga City Council
Councillor P Mackay, Western Bay of Plenty District Council
Councillor M Dean, Western Bay of Plenty District Council
P Bennett, Ngāi Te Rangi
T Kawe, Ngāti Ranginui
R Nelson, Ngāti Ranginui
R Smallman, Ngāti Pūkenga
K Tapsell, Ngāti Pūkenga

Observer: J Milham, Department of Conservation

Committee Advisor: M Pansegrouw

Agenda

1 **Karakia/Mihi – Welcome**

2 **Apologies**

3 **Declarations of Conflicts of Interest**

4 **Previous Minutes**

4.1 Tauranga Moana Advisory Group – 10 August 2018

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5 **Update from Partners**

5.1 Ngai Te Rangi

5.2 Ngati Ranginui

5.3 Ngati Pukenga

5.4 Western Bay of Plenty District Council

- 5.5 Tauranga City Council
- 5.6 Bay of Plenty Regional Council
- 6 **Conservation update**
- 6.1 Department of Conservation
Presented by Jeff Milham (DoC)
- 7 **Presentations**
- 7.1 Project Parore
Presented by John Burke, Lawrie Donald (Community Group); Braden Rowson (BOPRC)
- 7.2 National Policy Statement for Freshwater Management – Te Mana o Te Wai
Presented by Santiago Bermeo (BOPRC)
- 7.3 State of the Environment Summary
Presented by Elva Conroy (Conroy and Donald Consultants), Harry Singh, Clark Koopu, Josie Crawshaw (BOPRC)
- 7.4 Reserves and Facilities Bylaw
Presented by Peter Watson (WBOPDC)
- 7.5 TCC Environment Strategy
Presented by Joel Peters (TCC)
- 8 **Reports**
- 8.1 State of the Environment Report - Tauranga Harbour 19
- 8.2 Tauranga Moana Programme update 23
APPENDIX 1 – Tauranga Moana Programme Dashboard – November 2018
- 9 **General Business**
- 10 **Next meetings:** Friday - 15 February 2019
Friday - 17 May 2019
Friday - 16 August 2019
- 11 **Karakia / Close of meeting**



Minutes of the Tauranga Moana Advisory Group meeting held at Classic Flyers, 9 Jean Batten Drive, Mount Maunganui, on Friday, 10 August 2018 commencing at 9.30am

Present:

Chairperson: Cr Norm Bruning (Bay of Plenty Regional Council)

Deputy Chairperson: Charlie Tawhiao (Deputy Chair) (Ngāi Te Rangī)

Members: Cr Andrew von Dadelszen (Bay of Plenty Regional Council)
Cr Kelvin Clout (Tauranga City Council)
Cr Catherine Stewart (Tauranga City Council)
Cr Mark Dean (Western Bay of Plenty District Council)
Te Pio Kawe (Ngāti Ranginui)
Riki Nelson (Ngāti Ranginui)

In Attendance: **Bay of Plenty Regional Council (BOPRC):** Chairman Doug Leeder; Cr Stuart Crosby; Cr Jane Nees.
Sarah Omundsen - General Manager Regulatory Services; Toby Barach - Principal Advisor, Tauranga Catchments; Reuben Fraser - Consents Manager; Heidi Fraser - Programme Coordinator Integrated Catchments; Hamish Dean - Team Leader, Tauranga Catchments; Laverne Mason - Integrated Catchments Programme; Santiago Bermeo - Senior Planner; Ruth Feist - Team Leader - Integrated Planning; Daniel Smith - Consents Team Leader; Harry Singh - Marketing and Communications Advisor; Clarke Koopu - Senior Advisor, Treaty; Merinda Pansegrouw - Committee Advisor
Western Bay of Plenty Regional Council (WBOPDC): Peter Watson - Reserves & Facilities Manager
Tauranga City Council (TCC): Radleigh Cairns - Consents Officer, Growth & Infrastructure; Joel Peters - Principal Strategic Advisor
Other: Kia Maia Ellis - Tauranga Moana Iwi Customary Fisheries Trust
Observer: Jeff Milham - Department of Conservation

Apologies: Cr Matemoana McDonald, Cr Paula Thompson, Cr Peter Mackay, Rehua Smallman, Reon Tuanau, Kahurangi Tapsell and Te Pio Kawe for lateness

With the agreement of members the meeting was chaired by Deputy Chairperson Charlie Tawhiao.

1 **Opening Karakia/Mihi**

Deputy Chair Charlie Tawhiao opened the meeting with a mihi and karakia.

2 Apologies

Resolved

That the Tauranga Moana Advisory Group:

- 1 Accepts the apologies tendered by Cr Matemoana McDonald, Cr Paula Thompson, Cr Peter Mackay, Rehua Smallman, Reon Tuanau, Kahurangi Tapsell and Te Pio Kawe for lateness.

Bruning/Clout
CARRIED

3 Declarations of Conflicts of Interest

Nil.

4 Previous Minutes

4.1 Tauranga Moana Advisory Group Minutes – 25 May 2018

Resolved

That the Tauranga Moana Advisory Group:

- 1 Confirms the Tauranga Moana Advisory Group Meeting Minutes of 25 May 2018, as a true and correct record.

Clout/Dean
CARRIED

5 Update from Partners

5.1 Ngāti Ranginui

Mr Riki Nelson provided the following update:

Key Points

- Ngāti Ranginui had filed a treaty claim following the recent developments with the Crown signing a Deed of Settlement with the Hauraki Collective for their entry into Tauranga Moana.

5.2 Ngāi Te Rangi

Mr Charlie Tawhiao updated members on Ngāi Te Rangi matters, namely:

Key Points

- An activity report provided by Reon Tuanau would be circulated to members under separate cover at the conclusion of the meeting
- The Minister of Treaty Negotiations, Hon Andrew Little, had signed a Deed of Settlement with the Hauraki Collective for their entry into Tauranga Moana as the first step in a legislative process

- Ngāi Te Rangi had consequently reinvigorated their Waitangi Tribunal Claim and was awaiting feedback on the matter
- Ngāti Ranginui, Ngāi Te Rangi and Ngāti Pūkenga had collectively expressed their disappointment. The three iwi partners had met earlier this week and all reaffirmed that they disagreed with the signing of the Deed of Settlement with the Hauraki Collective
- As a next step, the iwi partners needed to decide on a collective way forward
- Options of pursuing provisions in the Resource Management Act 1991 under Mana Whakahono ā Rohe would also be considered.

5.3 Western Bay of Plenty District Council

Refer PowerPoint Presentation Objective ID 2935612

Western Bay of Plenty District Council Reserves & Facilities Manager Peter Watson outlined current works, as follows:

Key Points

- Ruamoana Place - Slip Management: process had been a joint approach with residents and had followed a different approach to procuring contract services. Directional drilling and chimney drains had been used
- Construction was well underway with Omokoroa to Tauranga Cycleway, Newnham Paper Road and Lothead Paper Road
- New technology - an application called "STRAVA HEAT MAPS" had been used as a guideline to demonstrate high usage areas to assist with planning and could also be applied to aquatic activities
- Other Projects currently underway:
 - Matahui Esplanade Reserve slips
 - Ongare Point Wastewater Scheme - Treatment plant completed; tank installation currently underway
 - Te Puna West Wastewater Scheme complete – all stages of the mains reticulation were now live
 - Omokoroa Domain and Esplanade: Following consultation process, the next step was to assess feedback and prepare a revised concept plan.

9:48 am Te Pio Kawe **joined** the meeting.

5.4 Tauranga City Council

Cr Catherine Stewart highlighted TCC key work streams as follows:

Key Points

- The Comprehensive Stormwater Consent five yearly review report was now being reviewed by the BOPRC. The report would be provided to Tangata Whenua and made available to stakeholders and the community shortly
- The 2018-28 LTP had included a budget for potential initiatives to start addressing the findings of the report
- Potential initiatives included: enabling further investigative sampling of discharge points catchments; potential green infrastructure mitigation such as raingardens; floating wetlands and swales in key sub catchments such as the CBD, CBD to Greerton, Oropi/Maleme and Mount Industrial; resource for the review of the seven Stormwater Catchment Management Plans, and the development of two further plans for the CBD and the Tauriko/Lakes area over the next two-three years

- Southern Pipeline Project: drilling had been completed in late June and the steel containment pipe had been successfully pulled through from Memorial Park to Matapihi. As the next step, the wastewater polyethylene pipe would be pulled through inside the steel pipe and connected over the next few months with the pipeline expected to take flows to Te Maunga before the end of 2018
- Construction of Te Maunga's Dewatering and Sludge Thickening Plant was well underway with a completion date towards the end of 2018. Desludging of the primary oxidation pond was underway to create capacity until the plant was operational
- As part of the Kulim Park redevelopment project, 4500m³ of port dredged sand would be used to improve the beach front in early 2019.

5.5 Bay of Plenty Regional Council

Cr Norm Bruning outlined BOPRC priorities, namely:

- Draft On-Site Effluent Treatment Plan Change 14 was now available for comment until the end of October. It covered septic tanks, greywater, composting toilets and aerated wastewater systems
- Plan Change 9 Hearing Panel for the region-wide water quantity had advised that the deliberations period had been further extended and would be completed by the end August. The Recommendations Report would be presented to Regional Council on 18 September 2018
- Air quality in the Mount Industrial area: six new monitoring stations had been planned for the industrial area and would be in place this month. The monitoring stations would collect data on a number of contaminants that the three existing stations did not collect
- Since reporting at the last meeting that NIWA had found the invasive Asian paddle crab in Tauranga Harbour, 200 traps had been set up; however, no additional paddle crabs had been caught
- Kaimai Mamaku Catchment Forum would meet on 17 August 2018 to discuss the pest animal control discussion document as well as forum representation and governance. It was envisaged establishing a Steering Group as well as three Project Groups for People, Biodiversity & Water.

6 Presentations

6.1 National Policy Statement for Freshwater Management – Te Mana o Te Wai

Verbal submission

Bay of Plenty Regional Council Senior Planner Santiago Bermeo outlined the following key points:

Key Points

- Purpose was to improve the management of freshwater in the Tauranga Moana area
- The current two main priorities for BOPRC were: developing a solid database to inform freshwater management decisions to help with the development of the Plan Change and to build a constructive working relationship with tangata whenua and the community
- BOPRC was continuously gathering science and industry information from various sources to support future decisions that enhanced cultural values
- Next steps would include looking at freshwater impacts in the coastal areas

- Six initial meetings with tangata whenua had been conducted
- A consistent message received was that iwi and hapū wanted to play a more active role in decision making. Tools within the Resource Management Act such as Mana Whakahono ā Rohe could enable this.

6.2 Tauranga Moana Iwi Customary Fisheries Trust Update

Refer PowerPoint Presentation Objective ID A2935601

Tauranga Moana Iwi Customary Fisheries Trust Project Manager Kia Maia Ellis presented an update, outlining the following:

Key Points

- Tauranga Moana Iwi Customary Fisheries Trust was a pan-tribal iwi group consisting of Ngati Ranginui, Ngai Te Rangi and Ngati Pukenga, primarily working alongside the Ministry for Primary Industries under fisheries legislation
- The core focus was on sustainable development of fisheries in the rohe moana “Mai i Ngā Kurī a Whārei ki Wairākei”
- Was formed in 1999 as a joint initiative by Tauranga Moana Iwi, mandated by hapu/marae of Tauranga Moana to manage customary fishing rights of tangata whenua
- Rohe Moana:
 - Under the K-Regulations, only Tauranga Moana Tangata Kaitiaki could authorise customary fishing in this rohe
 - Forum linked to the Mai i Ngā Kurī a Whārei ki Tihirau BOP Forum
 - Tauranga Moana started with two Kaitiaki per marae
 - Currently trialling smartphone application Kohi Kai
 - Would greatly assist accessibility of Kaitiaki and catch data reporting
- Te Awanui Tauranga Harbour Iwi Management Plan 2008:
 - Had observed the decline of fisheries in the rohe and was seeking solutions to remedy
 - Trust provided governance to the original pan-tribal iwi plan for this purpose
 - Had maintained a close connection with Manaaaki Te Awanui in the development of monitoring and research in relation to the Port dredging consent
- Cultural monitoring of the project:
 - Coastal kaimoana and its sustainability had been the core focus of the trust
 - The results from the past three years of monitoring had helped to inform future customary fisheries management decisions and research and enhancement projects
- Te Wai Māori:
 - Was imperative that Te Mana o Te Wai was upheld to ensure that Te Wai Māori and freshwater taonga species Māori were sustained and enhanced
 -
 - Management of water would directly affect fishery
 - To support the implementation of Mātauranga Māori in decision making and encourage council to work directly with tangata whenua to initiate that
 - Wanted to see happy and healthy eels
- Rohe Awa

- Was seeking to establish rohe awa which would enable hapu/marae to customarily manage their wai, Maori kai and potentially establish their own Mahinga Mataitai
- The first step would be to take the discussion to the people to decide what that would look like
- Key message was that effective management was critical to ensure healthy sustainable kai.

In response to Questions

- Noted that the Environment Court had found that fishing was having an adverse effect on identified areas of outstanding natural heritage value within the Motiti Natural Environment Area and that a prohibited activity rule would be appropriate. Tauranga Moana Iwi Customary Fisheries Trust had not been approached in this regard but would be willing to participate in the discussion and provide input.

6.3 Department of Conservation Update

Refer PowerPoint Presentation Objective ID A2935610

Deputy Chair Charlie Tawhiao extended a warm welcome to Department of Conservation District Manager Jeff Milham who would henceforth be attending meetings as an Observer.

Jeff Milham provided an update from the Department of Conservation (DOC), outlining the following:

Key Points

- Overview of Te Papa Atawhai / Department of Conservation:
 - All Crown land in New Zealand was designated for conservation and protection, managed by DOC as the “face” of the Crown
 - Celebrated DOC’s 30th birthday in 2017
 - Vision and outcome statement focussed on four outcomes as main driving points
 - Was a “living Treaty partnership based on shared values for the benefit of Aotearoa New Zealand”
- Tauranga District – DOC office was located in Greerton
- Passionate and knowledgeable staff; set to grow following recent budget announcement
- Local DOC Teams partnering with tangata whenua, Regional Council, local territorial authorities and community groups
- Mahi within Tauranga Moana
- Projects focussed on the protection and supporting of the environment
- Supported connection to the kaupapa.

In response to Questions

- DOC was proactively involved in initiatives to help prevent the spread of kauri dieback in the Kaimai. Since there was currently no proven cure / treatment for kauri dieback, kauri could only be saved by stopping the disease from spreading. There were a number of tools DOC used to help stop the spread of the disease, such as track upgrades and rerouting.

6.4 Reserves and Facilities Bylaw – horses at Tuapiro Spit

Refer PowerPoint Presentation Objective ID 2935612

Western Bay of Plenty District Council Reserves & Facilities Manager Peter Watson provided an update, outlining the following:

Key Points

- Background to Tuapiro Point and Reserves and Facilities Bylaw 2018 Review:
 - Current Reserves and Facilities Bylaw had permitted horse riding in certain areas, including Tuapiro Point
 - Current Bylaw was last reviewed in 2012 and horse riding provisions had been significantly changed in that review
 - Ngāti Te Wai had long held concerns on the impact of horse riding and had presented a report to the Partnership Forum in March seeking a review of the bylaw and removing Tuapiro Point as a place where horse riding was permitted
 - The report had initiated the review and current public consultation process being undertaken
- Two sides to a story
 - Waahi Tapu sites, Kai Moana
 - Horse rider's recreational asset
- Facts and Figures
 - Seven week consultation period with- 597 written submissions received
 - 96% opposed ban on horses at Tuapiro Point
- Policy Committee to make decision on 27 September 2018

In response to Questions

- The main support for banning horses on Tuapiro Point Beach were based on the following key principles: was a cultural sensitive site and a traditional Kai Moana collection site; it required environmental protection due to the detrimental effect up to 50 horses per day could have on the health and well-being of the environment.

11:00 am The meeting **adjourned**.

11:15 am The meeting **reconvened**.

6.5 Draft Plan Change 14 (OSET)

Refer PowerPoint Presentation Objective ID A2925394

Bay of Plenty Regional Council Team Leader – Integrated Planning Ruth Feist provided an update on the On-site Effluent Treatment (OSET) Draft Plan Change 14 (PC14), Tauranga Moana catchment, outlining the following:

Key Points

- OSET PC14 applied where sewage was managed by some kind of on-site system, such as septic tanks, aerated wastewater systems, composting toilets, greywater (wastewater from bathrooms, laundries and kitchens), alternative toilet systems (incinerating toilets and other new technologies) or long drops
- There were permitted activity conditions around each type of on-site effluent treatment system and where it was located
- The rules were currently in the On-site Effluent Treatment Regional Plan, but this would be replaced with OSET Draft PC14
- OSET PC14 would update current rules, provide an improved understanding of the risks to the environment and people, and include targeted rules for communities where discharges from on-site effluent treatment systems were affecting water quality
- Communities involved: Tanners Point / Ongare Point / Te Puna commercial

- Draft PC14 had been mailed out 31 July 2018, with consultation and communication to follow.

6.6 Tauranga City Council Environment Strategy

Refer PowerPoint Presentation Objective ID A2935609

Tauranga City Council Principal Strategic Advisor Joel Peters provided an outlined on progress made with the development of the Environment Strategy as follows:

Key Points

- Since the last update provided to the Advisory Group in November 2017, a number of consultation session had been undertaken:
 - May to July - consultation on the Zero Carbon Bill / low emissions economy
 - 11 - 17 June - to facilitate sufficient consultation with tangata whenua, Māori and youth, workshops/surveys were undertaken during the week of Matariki ki Mauao with school groups and families
 - 29 June - Hui with tangata whenua collective
- a breakdown of issues that had been raised and discussed at the hui, including the moemoea/dreams included:
 - Seven realms identified: Tangaroa (sea/rivers/lakes/fish), Rongamatāne (cultivation and peace), Haumia-tiketike (uncultivated food/plants), Ruaumoko (earthquakes, volcanoes, seasons), Tāwhirimātea (weather), Tāne Mahuta (trees/forests and birds) and Tūmatauenga (humans)
 - Majority of issues related to Tūmatauenga and Tangaroa
 - A lot of issues started with people, processes and systems; whilst this affected all, the most concentrated concern was around Tangaroa
 - Moemoea primarily focused on Tāne Mahuta and Tangaroa
- The Environment Strategy would mainly focus on the three biggest realms: Tangaroa, Tāne Mahuta and Tūmatauenga
- TCC staff were currently drafting the Environment Strategy based on all information obtained.

Next steps

- Follow-up consultation with tangata whenua to confirm outcomes/understanding of the recent hui on 29 June 2018
- Further discussions with the Tauranga City Council
- Follow-up with all other stakeholders.

Comments by Members

- Recommended that English terminology also be included in the slides along with the Te Reo Māori terms
- From a Māori perspective the slide provided an excellent overview/representation of values and would be a good planning tool/starting point to inform the strategy.

6.7 2018 Tauranga Moana Perception Survey

Refer PowerPoint Presentation Objective ID A2935497

Bay of Plenty Regional Council Marketing and Communications Advisor Harry Singh provided a summarised update on the outcome of the recent Tauranga Moana Perception Survey, outlining the following:

Key Points

- Project background: Survey was conducted in 2015 and repeated in 2018
- Survey included residents in Tauranga, Western Bay of Plenty and Wider Bay of Plenty to ascertain perceptions of the harbour and its catchment
- Harbour visitation: Just under one third of residents (32%) reported using or visiting the harbour at least weekly, a similar level of use as 2015
- Harbour use: In 2015, the primary activities that the harbour was used for related to walking/cycling, passive enjoyment and recreational activities. 2018 has seen a drop in the proportions for these activities across the board suggesting that people were less active
- Improvements: areas that residents mentioned would improve the harbour related to the removal of sea lettuce, reduced pollution and better facilities
- A significant change in the response from 2015 has seen an increase in comments relating to parking and access. Only 9% of people saw this as an issue in 2015 but that number had increased to 28% in 2018
- Biggest issues facing the harbour in 2018 were the balance of growth and the environment, pollution and sea lettuce. These issues were similar to those that were seen in 2015, however residents had also mentioned the impact of more people using the area, the increased presence of rubbish in the area and the expansion of the Port of Tauranga.

In response to Questions

- In 2015 a telephone only survey was used; in 2018 BOPRC the survey was administered using online and telephone methods.

Item for Staff Follow-up

- Staff to circulate the full Report on the Bay of Plenty Regional Council Tauranga Moana Perception Study dated May 2018 to members of the Advisory Group for information.

6.8 Consenting Process – climate change

Refer PowerPoint Presentation Objective ID A2935431

Bay of Plenty Regional Council Consents Team Leader Daniel Smith provided an update on consenting processes and the impact of climate change, outlining the following:

Key Points

- Effects of climate change were: a rise in sea level (projection of 0.5m relative to 1999 by 2090); an increase in average temperature (0.9°C by 2040, 2.1°C by 2090); more rain in the west and less in the east and an increase in extreme weather events
- The planning framework would be used to drive outcomes and set directions to achieve the RMA
- Mitigation - Central Government had completed engagement on the Zero Carbon Bill proposals. The Bill would set a framework including emissions targets and the climate commission. The Bill would be drafted later this year and was aimed to be passed by mid-2019
- A national adaptation plan and a national risk assessment were likely to be part of the Zero Carbon Bill. Government direction to councils could be a new National Policy Statement (NPS)
- Climate change in planning:
 - Resource Management Act: S6 directed councils to look at natural hazards; S7 directed councils to specifically consider climate change, benefits of renewable energy and efficiency of energy use

- Regional Policy Statement: alternative sources of water, natural hazards, promotion of renewal energy, sea level rise
- Regional Plans: methods, policies, consenting and guidelines – identifying natural hazards (excluded 104E Applications relating to discharge of greenhouse gases)
- District Plans: district consents required hazard mapping
- Consenting processes - important to consider what the plans were indicating
- Engage specialists - in particular engineering teams for those activities that related most to the potential effects of climate change
- Vital for development to be managed in such a way that it enabled the recognition of the future effects of climate change.

Item for Staff Follow-up

- Staff to circulate the consents process diagramme to members of the Advisory Group for information
- Information on the Storm Water Retention Pond in Hastings Road, Pyes Pa to be provided to the Tauranga Moana Advisory Group at its next meeting.

7 Reports

7.1 Tauranga Moana Programme Update – August 2018

Bay of Plenty Regional Council Team Leader, Tauranga Catchments Hamish Dean presented the Programme Update report that was taken as read.

In response to Questions

- Since one of the priorities for the 2018/19 Tauranga Moana Programme included the development of a plan of action to make the Kaiate Falls and stream swimmable again, BOPRC had identified Kaiate Falls as a special management area. As a result, more funding had been allocated and on-going consultation with the five landowners in the area had commenced. Installation of fencing had been scheduled for over the summer period and an agreement had been reached with land-owners to relocate grazing in the area.

That the Tauranga Moana Advisory Group:

- 1 **Receives the report, Tauranga Moana Programme Update – August 2018 containing the Tauranga Moana Programme Dashboard dated August 2018 and the 2018/2019 Annual Work Plan.**

Von Dadelszen/Stewart
CARRIED

8 Consideration of General Business

Nil.

9 Next Meeting – 16 November 2018

Members noted that the next meeting had been scheduled for 16 November 2018.

10 **Closing Karakia**

Te Pio Kawe closed the meeting with a karakia.

The meeting concluded at 12:14 pm.

Confirmed

Chair, Tauranga Moana Advisory Group

Date



Objective ID:

Report To: Tauranga Moana Advisory Group

Meeting date: 16 November 2018

Report From: Hamish Dean, Acting Tauranga Catchments Manager

State of the Environment Report Tauranga Harbour

1 Purpose

To provide the Tauranga Moana Advisory Group with an update on the State of the Environment for Tauranga Harbour.

It is recommended that the Advisory Group:

1. Receive the report “State of the Environment Report Tauranga Harbour”.

2 Background

This report and associated presentations provide a summary of the new Tauranga Moana State of the Environment report which is currently being finalised.

The Tauranga Moana State of the Environment report is a stock take of the current state of land, freshwater, coast and air and is based on a suite of indicators and data collected from a range of monitoring programmes. The report is about painting a picture of the current state of Tauranga Moana and telling a story that connects people to the environment. This is the first State of the Environment (SOE) report for Tauranga Moana and it aims to bring together Mātauranga Māori and the perspective of tangata whenua with the scientific approach usually used in these types of reports.

3 Working in Partnership: Integrating the Māori perspective

Toi Moana staff recognised an opportunity to work in partnership with Tauranga Moana iwi and hapū to integrate Mātauranga Māori and Te Ao Māori with the scientific data to create a document that is meaningful to our whole community.

The way in which Māori are connected to the environment and the inter-generational knowledge on ecosystems that they bring to the table are valuable as a way of assessing change in the environment that is complimentary to the science. The knowledge of how things were, traditional kaitiakitanga, and the traditional methods of monitoring the environment; using sight, taste, touch, smell and sound to assess how things have changed are all valuable for communicating the state of our environment not only to Māori but to all of the community.

An SOE Tangata Whenua Working Group was established and prepared a Cultural Content Report as a contribution to the SOE report. This included descriptions of the values placed on the physical domains of air, water, land and coast, the

interconnectedness within and between these and people and between the physical and metaphysical. Case studies were also provided where appropriate.

The process used for this report is but one pathway that recognises and provides for Treaty Partners. The core principles underlying this process are trust, respect, honesty, openness, and good will. It is hoped that this process can be the norm when future work is proposed in the Tauranga Moana Catchment so that that council and Tangata Whenua are telling the story of Tauranga Moana together. As we develop capability we will be looking to include indicators derived from Mātauranga Māori into the environmental monitoring programmes for Tauranga Moana and then into future SOE reports.

4 **The State of the Tauranga Moana Environment**

The detailed findings of the report will not be repeated here as an Executive Summary document will be provided at the meeting and the final report will be available early in the new year. The findings of the report will also be presented at the meeting.

Air | Hau Takiwa

Air Quality in Tauranga Moana is generally very good but we do have some hot-spots where concentrations of pollutants go above recommended limits occasionally. Industrial Mt Maunganui is the most significant hot-spot, occasionally having issues with dust and sulphur dioxide but steps have been taken to address these issues.

Land | Whenua

Soil quality across Tauranga Moana is generally good but extensive land use change and continuing pressure on our land results in a few issues. Our soils are in good health; they are well aerated, and have the right levels of carbon and nutrients however there are high cadmium levels in some areas due to the use of phosphorus fertilisers, and soil erosion can be an issue in some places. Wetland and dune extent has been reduced significantly since European arrival and our remaining wetlands and dunes are still under pressure. The ngahere which once covered almost all of Tauranga Moana still covers around one third of the area, mostly in the upper catchments. All of our remaining native habitats and our native flora and fauna are under threat from pest animals and plants.

Freshwater | Wai māori

Freshwater quality varies widely across Tauranga Moana. Our groundwater resources are of very good quality and the risk of saltwater intrusion is very low. Nitrogen is within guideline levels in our waterways and has shown an improving trend at some sites. Macroinvertebrate Community Index (an measure that uses the types of invertebrates living in streams to indicate water quality) results show that stream ecosystem health varies considerably across Tauranga Moana. At the upper end 27% of all sites were graded as very good but at the lower end 13% of sites were graded as poor. Land use is a key driver of ecosystem health: Sites in catchments dominated by native forest had higher stream health than sites in agricultural catchments. This pattern has also been shown to be true for our freshwater fish communities.

Swimmability | Pai mo te Kaukau

We monitor bacterial contamination at rivers and beaches around Tauranga Moana over the summer to assess whether they are safe for swimming and other contact recreation. Tauranga Moana beaches are safe for swimming most of the time but some of our rivers are not so good and we are working on improving these. Heavy rain events can make many rivers unsafe for swimming.

Coast | Takutai Moana

The report outlines a range of findings for the indicators we use to monitor our coast. Sedimentation is a particular problem for our estuaries and sedimentation rates have increased over the years. Sedimentation is one of the drivers of a significant reduction in seagrass extent in Tauranga Harbour over the last 50 years.

Nutrient levels and heavy metal contamination are generally low across the harbour although other work has shown concentrations of heavy metals can be high directly around storm water outfalls and the adjacent to industrial areas. However, our ongoing monitoring shows estuarine water quality is generally good in Tauranga Harbour

Our coastal dune systems are generally accreting (accumulating sand) and in recent times our dunes have been more stable. There are a few sites where natural erosion is still occurring.

5 The value of the State of the Environment report

The Tauranga Moana State of the Environment Report is not only valuable as a stock take for those working on environmental management in the catchments, but it's also a key document for the wider community who all have a vested interest in the sustainable management of our whenua, water, air and harbour.

From experience we know that only a limited number of people read scientific reports, which is why this time we have designed it to be an engaging and readable document that appeals to a wider audience. To achieve this we have limited the use of scientific jargon and included more visual elements.

From our perception survey and feedback we know our communities have an appetite for more information about the environment and the state of the harbour so we will be taking content from the report and using the SOE as the 'foundation' upon which we will build better communications and engagement with our communities. The report will be used to raise their scientific and cultural understanding, their understanding of the impacts we are having on our environment and of the work that is being done by Bay of Plenty Regional Council, tangata whenua, Tauranga City Council and Western Bay of Plenty District Council to monitor and manage those impacts.

Our approach will be to create digestible information which will allow us to take the messages to the people rather than expecting them to come to us. Examples of how we will do this include:

- Creating videos and other content for social media which focus on one area or case study;
- Creating pop up displays to be used at events, shopping centres, markets etc.;
- Organising events and activities such as the Happy Harbour Fun Day;
- Providing opportunities for people to get involved.

Our comms will also be measureable so that we can not only see what's working and what's not, but also track any shifts in behaviour and perceptions. We will also set objectives and goals that align with the objectives of the Tauranga Moana Programme.

Hamish Dean

Acting Tauranga Catchments Manager



Objective ID:

Report To: Tauranga Moana Advisory Group

Meeting date: 16 November 2018

Report From: Hamish Dean, Acting Tauranga Catchments Manager

Tauranga Moana Programme update

1 Purpose

To provide the Tauranga Moana Advisory Group with an update on programme progress during.

It is recommended that the Advisory Group:

1. Receive the report “Tauranga Moana Programme update”.

2 Background

The Tauranga Moana Programme was established in 2013 to deliver on the community’s expectations for the health of the Tauranga Harbour. The programme coordinates, prioritises and delivers on all the work related to the harbour and catchment that is undertaken by Tauranga City Council, Western Bay of Plenty District Council and the Regional Council. It allows an adaptive and collaborative management approach.

Originally called Te Awanui Tauranga Harbour Programme, the name was changed to Tauranga Moana in the 2016/17 year. This change better reflects the management area which includes the inland catchment as well as Te Awanui / Tauranga Harbour. It also aligns with the Tauranga Moana Iwi Management Plan 2016 – 2026 and the area of interest defined in that Plan.

This Tauranga Moana Advisory Group oversees the Programme. Staff provide regular programme updates and reports to the Group including:

- Annual work plans
- Annual report
- Regular dashboard reports summarising project progress

3 Programme dashboard for November 2018

The programme dashboard for November 2018 is provided in Appendix 1.

The dashboard shows progress against key projects listed in the 2018/19 Annual Work Plan, progress and upcoming activities. Overall, the programme and projects are on track in terms of scope, budget and schedule at this stage.

Key programme updates include:

- The Happy Harbour Fund Day 2017 event was a finalist in the Most Outstanding Event category in the New Zealand Recreation Association (NZRA) Annual Awards. These awards are some of the most hotly contested in New Zealand so being named a finalist was an incredible achievement.
- Predator Free BOP is a community led, backyard trapping initiative that aims to bring native birds back to BOP suburbs and help make NZ predator free by 2050. To date, Predator Free have given out 564 traps in the pilot areas which include Maketū, Te Puke, Merivale and Matua. 226 kills have been recorded.
- A successful public meeting was held for Project Parore at the end of October. This is a community-led project which is supported by BOPRC and industry groups and aims to reduce the impact of land use on the environment through adoption of Good Management Practice.
- Successful open days were held at Oropi water treatment plant and Chapel Street wastewater plant 26/27 October with over 240 people in attendance.
- Sea lettuce monitoring sites show some growth in the Northern harbour but little to no growth in the Southern harbour. Early inductions suggest the summer is likely to see growth across the summer period (rather than last year's high abundance pre-Christmas and then absence after New Year).
- In partnership with Waikato Regional Council the maritime team filmed a boating safety video on the importance of carrying two forms of communications on the water.
- Tauranga City Council's Save our Pipes from Wipes campaign has commenced.
- Track counter at the start of the Kaiate Falls has recorded 8804 users between May 2017 – October 2018.
- Western Bay of Plenty District Council's Reserves and Facilities bylaw came into effect 9 November. Horses will continue to have access at Tuapiro Point but with some changes to where they can be ridden, so that areas with cultural significance are protected.
- Comments on Proposed Plan Change 14 On-site Effluent Treatment have been received from a number of individuals and organisations. Staff will be identifying key issues, and working with key stakeholders and affected communities to resolve issues.
- Development plans for the Ōmokoroa Domain and Esplanade have been approved by Western Bay of Plenty District Council Policy Committee.
- A new position has been created to look at identifying and improving activities undertaken on the Port and within the Mount industrial area to reduce the impacts on the community and receiving environment. An office has been set up on site which will enable the staff member to have a higher than normal profile in the area.

Appendix One

Tauranga Moana Programme Programme Dashboard November 2018

Tauranga Moana Programme Dashboard November 2018

Programme Manager	Hamish Dean	As of meeting	Nov-18	Green
Project Sponsor	Sarah Omundsen	Previous RAG status	Aug-18	Green

Category	Previous RAG Status	RAG Status Current	Comment on any RAG where status is not Green.
Overall	Green	Green	
Schedule	Green	Green	
Scope	Green	Green	
Resources	Green	Green	
Budget	Green	Green	

No. Annual Work Plan Projects 2018/19

SHARED				Scope	Budget	Schedule
1	Katikati Hills to the Ocean – H2O Improvement Project	Green	Green	Green		
2	Watercraft and General Harbour Survey	Green	Green	Green		
3	Tauranga Harbour Inundation and Coastal Erosion	Green	Green	Amber		
4	Predator Free BOP	Green	Green	Green		
5	Sea Lettuce Management	Green	Green	Green		
6	Litter Clean-ups	Green	Green	Green		
7	IP3 HAIL Audits	Green	Green	Green		
BAY OF PLENTY REGIONAL COUNCIL				Scope	Budget	Schedule
1	Matauranga Māori for Tauranga Harbour capacity building	Green	Green	Green		
2	Manaaki Taha Moana MTM 2 sub tidal survey of Tauranga Harbour	Complete	Complete	Complete		
3	Manaaki Taha Moana MTM 2 Coastal Cultural Health Index	Green	Green	Green		
4	State of the Environment Report	Green	Green	Red		
5	Kaiate Task Force	Green	Green	Green		
6	Kaimai Mamaku Catchments Forum	Green	Green	Green		
7	Seedling mangrove management	Green	Green	Green		
8	Tauranga Harbour Tsunami Inundation Assessment	Green	Green	Green		
9	Audit of mangrove distribution/associated issues for tangata whenua	Green	Green	Green		
10	Vessel Acquisition (Sealegs)	Green	Green	Green		
11	Flood modelling Uretara Stream, Katikati	Green	Green	Green		
TAURANGA CITY COUNCIL				Scope	Budget	Schedule
1	Integrated Stormwater Project	Green	Green	Green		
2	Environmental Strategy	Green	Green	Green		
3	Wastewater Management	Green	Green	Green		
4	Stormwater Management	Green	Green	Green		
5	Beaches Bylaw Review	Green	Green	Green		
WESTERN BAY OF PLENTY DISTRICT COUNCIL				Scope	Budget	Schedule
1	Ongare Wastewater Scheme	Green	Green	Green		
2	Tahataharoa Land Purchase and Restoration Project	Green	Green	Green		
3	Cycleway	Green	Green	Green		

Programme Updates

- After a three year hiatus the re-established Regional Wastewater Management Group have met and confirmed the group's key objective - to establish and standardise regional best practice for the mitigation, response and reporting of wastewater overflow events.
- NZARM Conference hosted by BOPRC was held 16-18 October. 140 delegates attended from around the country.
- Maritime filmed a boating safety video on the importance of carrying two forms of communications on the water. This was done in partnership with Waikato Regional Council; Summer patrols have commenced.
- Construction of new Sealegs vessel is underway. Anticipate delivery December 2018.
- As part of the Reserves and Facilities Bylaw review 2018, horse riders will continue to have the use of Tuapiro Point but with some changes as to where horses can be ridden. The bylaw came into effect 9 November.
- Tauranga Harbour inundation reporting and mapping received.
- Sea lettuce monitoring sites show some growth in the Northern harbour but little to no growth in the Southern Harbour. Early inductions suggest the summer is likely to see growth across the summer period (rather than last year's high abundance pre-Christmas and then absence after New Year).
- Draft audit of mangrove distribution/associated issues for tangata whenua is near completion.
- Methyl Bromide boundary monitoring was undertaken at the boundary of Port of Tauranga while log stacks have been vented.
- Kaiate public preference for intervention options web survey was undertaken with 710 Bay of Plenty residents surveyed. The report is being finalised.
- Approx. 300 students from Tauranga Intermediate participated in clean-ups along K Valley, Waimapu Estuary and Mount Maunganui's Beaches during August and September. Over 500kg of rubbish was collected including 50kg plus of recycling diverted from landfill.
- Meeting held with UoW to get a full update on funded PhD reports.
- Manaaki Te Awanui-MTM 2 subtidal survey of Tauranga Harbour report has been completed and delivered. Detailed 2017/18 annual report provided by MTM on the Coastal Cultural Health Index project.
- Wet Wipes Public Awareness campaign commenced mid-October; Commissioning of the Southern Pipeline commenced with operational handover likely to be before Christmas.
- Predator Free have given out approx. 564 traps in the pilot areas which include Maketū, Te Puke, Merivale and Matua; 226 kills have been recorded on the new website.
- Track counter at the start of the Kaiate Falls has recorded 8804 users between May 2017 – October 2018.
- Members of the Kaimai Forum and partner agencies met with Minister Sage in September to discuss the vision and issues for the Kaimai Mamaku.
- The Kaimai Mamaku Ranges Forests Forum met in August and agreed on a new structure which includes a steering group and three project groups focussing on Biodiversity, Water and People.
- Oropi water treatment plant and Chapel Street wastewater treatment plant open days held 26/27 October. This is a behind the scenes look at where drinking water comes from, and where wastewater goes.

Upcoming Activities

- Coast Care delivery tender documents and tender process.
- Finalising sea lettuce receiving site operators contract.
- A BOPRC summer student working with the UoW will aim to develop a methodology to assess volumes and condition of beach cast sea lettuce and better understand when and where sea lettuce washes up.
- Continued construction of the Ōmokoroa to Tauranga cycleway. Wairoa Bridge clip-on is out for tender.
- Contractors will be checking ornamental ponds in the Maungatapu area and Ōmokoroa for aquatic pests. They are searching for pond fish and weeds that are classified as pests because of the risks they pose to nearby streams, lakes and wetlands.
- Regional Wastewater Management Group meeting scheduled for 29 November.
- 40 dairy inspections, 200 water take inspections, 20 warm-water inspections and 35 high risk OSET inspections to be undertaken in Tauranga Catchments.
- Tahataharoa wetland development and management plan.
- Completion of the Ongare Point Waste water scheme.
- Ongoing work on various coastal and marine projects e.g. Ruamoana slip repairs, Ōmokoroa
- Planning for the upcoming Pollution Audits. This year's audits will undertaken at Maleme Street, Glenlyon Avenue and Courtney Road industrial areas. Audits will also be undertaken on water blasting/exterior cleaning companies.
- Quarterly sampling of sediment accumulation plants being undertaken in Tuapiro, Waimapu and Waikareao.
- Two stream and estuary clean-up events scheduled during November at Maungatapu and Jones and Wylie Street.
- Blessing to be held for new maritime vessel Kaha.
- He Korowai Matauranga document is in its final stages of completion and is expected to be released late November 2018.
- Two Predator Free workshops are planned for November to engage with people interested in leading the project in their local suburb; Predator Free projects are being set up in Katikati and Te Puna Peninsula.
- Kaimai Forum Biodiversity Project Group meeting is scheduled for November.