Monday 24 August 2020
1.00pm
This meeting was held remotely

Hauraki Gulf Forum
OPEN MINUTE ITEM ATTACHMENTS

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Note: The attachments contained within this document are for consideration and should not be construed as Council policy unless and until adopted. Should Councillors require further information relating to any reports, please contact the relevant manager, Chairperson or Deputy Chairperson.
Hauraki Gulf Forum
24 August 2020

Attachment A

Item 4.1

NATURAL SOLUTIONS
Planning & Policy Ecologists

STEPPING UP WATERWAY RESTORATION PLANNING
Hauraki Gulf Forum presentation, August 2020 – Meg Graeme
ISSUES

- New Zealand’s waterways are often polluted in farming areas and we are facing a biodiversity crisis (MfE 2019\(^1\)).
- Degraded water quality and wetland habitat is having a significant effect in both freshwater and estuarine systems.
- There is pressure on landowners to implement the incoming water reforms.

**APPROACH**

*Catchment-scale* or *farm-scale* approach to waterway restoration

- Not mutually exclusive and can compliment each other.
- Different pros and cons.
CATCHMENT MAPPING

- Map the catchment drainage system.
- Overlay desired riparian setbacks.
- Identify strategic locations to create wetlands throughout plains.
- Adjust wetland placement to reflect iwi/community aspirations and maximise landuse/ownership benefits.
- Adjust wetland size to reflect sub-catchment input.
Attachment A

CATCHMENT MAPPING

- Map the catchment drainage system.
- Overlay desired riparian setbacks.
- Identify strategic locations to create wetlands throughout plains.
- Adjust wetland placement to reflect iwi/community aspirations and maximise landuse/ownership benefits.
- Adjust wetland size to reflect sub-catchment input.
OUTPUTS

- **Visual tool showing basic overview of waterway restoration treating the Hauraki plains and Firth of Thames as an interconnected entity.**

The proposed intent is that the tool could be useful in:

- Assisting with iwi aspirations.
- Highlighting how all landowners need to play their part.
- Initiating discussion around mechanisms to assist land/value trade offs to establish the key wetlands.
- Your thoughts?
INITIATING THE MAHI

Once the base mapping is available -

- Overlay where riparian protection is already in place.
- Direct waterway funding.
- Build social acceptance - celebrate landowner restoration activity (e.g. Race to the Top concept – Terra Moana) and visually join the dots.
- Use mapping to guide land use consents.
- Use the mapping to build the funding base.
Thank you for your time.

I welcome any comments or questions.
Ko au te wai, ko te wai ko au.
*I am the water & the water is me*

No separation
We are the Hauraki Gulf
Mauri is the essence of life force in all things. It's the glue binding land, water and people together.

Photo by Kyle Scatt
Restoring the gulf between us

The Hauraki Gulf WATERSHED
A Public Workshop Series
How might we engage the people of Auckland in actions to ensure the wellbeing of the Hauraki Gulf?
Phase One - Workshop Series

"Lovers of the Gulf"
The Cloud, Auckland

Ports of Auckland & Sanford Fisheries, GridAKL, Auckland

Secondary & Tertiary Students
Pritiahi Marae, Waiheke Island

Photos by Kyle: Stefl & Andrew Metivite
Restoring the Mauri of Tikapa Moana
A Voyage of Discovery

1 navigating star
1 uniting purpose
22 creatives
11 students & recent grads
7 engaging workshops
400+ participants
600+ ideas
117 exciting concepts
23 strong projects
1 creative venture to take us forward
Item 4.2

Hauraki Gulf Watershed

Reducing the Gulf Between Us

Annexure A shares ideas for a collaborative strategy that has strong potential to transform everyone's relationship to the Gulf.

Guided by the knowledge, protocols, and stories of the Whenua and Tīpā Mōana, a group of MGMOG meetings were held to

- discuss the current and past management strategies being undertaken within the Hauraki Gulf
- share possible ideas and strategies to enhance sustainable approaches to the Hauraki Gulf
- consider the importance of partnerships in undertaking the aspiration of a sustainable Hauraki Gulf

As a collective of Aotearoa New Zealand, we are united in our cultural and customary values. The Hauraki Gulf is the

- home of the Whenua and Tīpā Mōana
- home of many species of birds, marine mammals, and marine ecosystems
- home of the Whenua and Tīpā Mōana, the Whenua, and the people of the Gulf

The Hauraki Gulf is home to a vast array of species, including those that make their home in the Gulf and those

- that maintain the balance of the Whenua and Tīpā Mōana
- that maintain the balance of the Gulf

As a collective of Aotearoa New Zealand, we are united in our

- cultural and customary values
- respect and responsibility for the Whenua and Tīpā Mōana
- respect and responsibility for the Gulf

As a collective of Aotearoa New Zealand, we are united in our

- cultural and customary values
- respect and responsibility for the Whenua and Tīpā Mōana
- respect and responsibility for the Gulf

What if we could improve the gulf one drop at a time?
A sculpture in the harbour that purifies the water around it; the water around the sculpture is visibly clearer, and becomes a symbol of our attitude towards climate change; also it doubles as a whale beacon

- M: Moments of leisure
- Real-time data visualisation
- Direct impact
Item 4.2

The Hauraki Gulf WATERSHED

Your invitation to The Awakening

Saturday 11 July
12.30pm - 3:30pm
Mangere, Auckland
North Head Historic Reserve

RSVP NOW

Photo courtesy of Cathy Cooper
Phase Two - Timeline
Attachment A

Item 4.2
Waiheke ki uta, Waiheke ki tāi, Waiheke ki tua
Coalescing the Mauri of Place and People

Waiheke - Place sourced

Mana Whenua - Community Led
Sea Change - Tai Timu Tai Pari vision

He taonga tuku iho - treasures handed down from the ancestors Tikapa Moana / Te Moananui-ā-Toi -

The Hauraki Gulf Marine Park is vibrant with life, its mauri strong, productive, and supporting healthy and prosperous communities.
TE MATA KUPENGA

He Kororā ahau nō Tikapa ahau. Ko Waiheke taku kainga noho. I am a Kororā, from Tikapa Moana, Waiheke is my home.

Don’t kill us with your trash. You are killing our family.

Let’s make a future for seabirds

A functional marine ecosystem requires healthy flourishing kelp to provide nourishment and protection for diverse species.

www.waihekemarinecollective.co.nz
KAITIAKITANGA

Partnership Capability

Capacity and Leadership

Connecting Communities
Our sponsor partners

Attachment A

Item 4.3
Draft Waiheke Area Plan

A summary of the draft area plan’s key outcomes through the lens of the Hauraki Gulf, and the actions to be delivered through the projects and initiatives identified in the plan.
What is an area plan?

- A 30 year vision to help shape the future of Waiheke and the other inner Hauraki Gulf Islands
  - To ensure a more sustainable and liveable future
  - Platform to guide integrated and transformational decision making and investments
- Primary focus is on Waiheke Island
- Developed in collaboration between Auckland Council, the community, mana whenua, ATEED, AT, and central government agencies
Plan’s recognition of the close relationship with the Hauraki Gulf

- Wider Hauraki Gulf is not part of the study area
- However, the draft area plan recognises:
  - health and vitality of the marine area is fundamental to wellbeing of people and ecosystems
  - What happens on the land directly affects the coastal environment and the Hauraki Gulf
Project timeline

- July 2018 – June 2019
  - Project establishment
  - Establishing and reporting to the Working Party

- July 2019 – February 2020
  - Develop draft area plan with Working Party

- March – June 2020
  - Preparation of draft area plan
  - Project on hold due to COVID-19 pandemic

- July-August 2020
  - Public engagement on draft area plan

- September-October 2020
  - Analyse feedback
  - Finalise draft area plan

- Late 2020
  - Adoption of the Waiheke Area Plan

Attachment A

Item 4.4
Key challenges raised by the community & key strengths

- Declining freshwater quality
- Significant habitat loss & decline in biodiversity
- Changing Climate
- An economy that lacks diversity
- Too many visitors
- Future role for mana whenua in decision making
- Need for major capital investment of Waiheke’s roading network
- Strong passionate conservation & community ethos
- Community pride in belonging to a special place
- Rich Māori history
- Proximity to Auckland, Coromandel and to neighbouring islands
- Creative and collaborative communities
Proposed vision

The inner Gulf Islands have a unique character with healthy and prosperous communities holding values based on sustaining the environment for future generations and recognising mana whenua as kaitiaki.
Nine key outcomes supporting the vision
### Outcome 1: Natural Environment

<table>
<thead>
<tr>
<th>Selected actions</th>
<th>Lead Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop a co-governance/co-management framework with iwi to integrate Māori values into the Local Board’s environmental management frameworks, plans and projects.</td>
<td>Waiheke Local Board</td>
</tr>
<tr>
<td>Prepare a sustainable destination strategy to manage the effects of human disturbance on the natural environment <strong>##</strong></td>
<td>ATEED/Local Board</td>
</tr>
<tr>
<td>Support council, HG Forum and government to deliver the Hauraki Gulf Marine Plan – Sea Change <strong>##</strong></td>
<td>Waiheke Local Board</td>
</tr>
<tr>
<td>Advocate for establishment of new marine protected areas in the Hauraki Gulf <strong>##</strong></td>
<td>Waiheke Local Board</td>
</tr>
<tr>
<td>Facilitate the creation of wildlife corridors (including new and restored wetlands... seabird and seashore breeding colonies <strong>##</strong></td>
<td>Auckland Council, Waiheke Local Board</td>
</tr>
</tbody>
</table>

**##** - Partnering with HG Forum and other stakeholders
### Outcome 2: Clean Waters

<table>
<thead>
<tr>
<th>Selected actions</th>
<th>Lead Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Various regulatory, financial, educational and monitoring actions to strengthen performance of on-site wastewater systems</td>
<td>Waiheke Local Board</td>
</tr>
<tr>
<td></td>
<td>Auckland Council</td>
</tr>
<tr>
<td>If above measures do not improve water quality investigate other options (refer diagram on slide 10)</td>
<td>Auckland Council</td>
</tr>
<tr>
<td>Advocate for improved waterway management through stock exclusion and planting</td>
<td>Waiheke Local Board</td>
</tr>
<tr>
<td>Provide boat pump out and boat cleaning facilities</td>
<td>Waiheke Local Board</td>
</tr>
<tr>
<td>Promote a holistic and integrated approach by strengthening active urban and rural land management policies and controls to minimise input of sediments nutrients and contaminants into receiving environments including setting limits on contamination levels in streams</td>
<td>Auckland Council</td>
</tr>
</tbody>
</table>
Proposed stepped process to improve water quality
### Outcome 3: Sustainability

<table>
<thead>
<tr>
<th>Selected actions</th>
<th>Lead Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop a low carbon action plan</td>
<td>Waiheke Local Board</td>
</tr>
<tr>
<td>Promote the restoration of the coastal edge</td>
<td>Auckland Council</td>
</tr>
<tr>
<td>Maintain and enhance dune systems and unarmoured esplanade reserve edges on Waiheke’s northern beaches to act as buffers to coastal hazards</td>
<td>Waiheke Local Board</td>
</tr>
<tr>
<td>Raise awareness among visiting boat owners of the environmental and economic impacts of dumping rubbish <strong>##</strong></td>
<td>Waiheke Local Board</td>
</tr>
</tbody>
</table>

**##** - Partnering with HG Forum and other stakeholders
Any questions?
Restoring the Hauraki Gulf

The View from the Waitemata Local Board
Regional Facilities are Pulling Together

- Renewals at the zoo will mean that water leaving the facility will be cleaner than when it comes in.
- Mussels in the harbour may help clean the water. A partnership between multiple local and central government agencies, the Maritime Museum, Kelly Tarlton and mana whenua.
- The Maritime Museum is improving understanding and sense of connection and responsibility to the sea through its school programmes and Sustainable Seas conversations.

Infrastructure renewals, enhancing the purifying function and a stunning new 1000 m² wharekai and function space (‘spring’)) overlooking the lake have also been part of phase...
Attachment A

Item 4.5

Previous Auckland Museum Medal Recipients

Auckland University, Ngāti Kuri, Auckland Museum
Local Community Planting Days & Stream clean-ups funded by the WLB at Meola Creek, the City Centre and Newmarket Stream
Supporting the work of organisations like For the Love of Bees, Grey Lynn 2030 and the Low Carbon Network
Engagement with Mana Whenua

- For months the Waitemata Local Board have been reaching out and talking to mana whenua groups on issues of importance. Our first conversation was about the Hauraki Gulf.
- We kept coming back to reflecting on how nature started to restore itself when human activity slowed down. Many spoke about how the ATEED advert of Papatuanuku struck a chord – nature needs space.
The Waitemata Local Board Plan Engagement focus
- Youth
- Maori
- Environmental Organisations
- Capture Stormwater
- Eastern Interceptor
- Sustainable buildings
- Sustainable procurement
- Reduce industrial pollution
- Rain gardens/plantings
- Decarbonize transport
- Circular Waste Systems
- Increase biodiversity

Waitemata Local Board work programme & advocacy positions
Our Notice of Motion

- Protect 30% of the gulf
- Support the re-establishment of shellfish beds
- To play our part in mitigating damage to the gulf from land use and pollution
- Taking a strategic approach to reduce carbon emissions and improve biodiversity
Now is the Time
SUSTAINABLE BUSINESS NETWORK

Protecting and restoring the mauri of Tikapa Moana, Te Moana-nui-a-Toi, Hauraki Gulf

Eryn Hooper
Projects and Partnerships Manager
eryn@sustainable.org.nz
Finding solutions by working with businesses

Heavy metals
- Goal - Reducing heavy metals entering the Hauraki Gulf
- What we've achieved - promoting electric vehicles, low copper break pads in fleets
- Next steps - Raising awareness, more uptake of solutions, get people out of cars

Plastics
- Goal - Shifting to an economy that is circular so that plastics do not exist as waste
- What we've achieved - Communications campaign, working with businesses to remove and reduce plastics from the system, installation of LittaTraps
- Next steps - Support businesses to eliminate problematic and unnecessary plastics from their business

Sediment
- Goal - Scaling waterway restoration in the Hauraki Gulf catchment
- What we've achieved - Million Metres is a proven model that can support community groups and landowners to restore their rivers and wetlands
- Next steps - partnerships and collaborations to scale and amplify

For more information visit: https://sustainable.org.nz/projects/
GIVE A GIFT TO OUR GULF

Come along to discover the innovative solutions that you can be part of to protect and enhance Tikapa Moana

28 October 2020 | Start at 11am
TAKUTAI SQUARE | BRITOMART

Auckland Council
Sustainable Business Network
Hauraki Gulf Marine Park
G.I.F.T. Gulf Innovation Fund Together
Revive Our Gulf

Update to The Hauraki Gulf Forum

August 2020

Peter Miles
Kaiwhakahaere/Programme Director
Revive Our Gulf
The Mussel Reef Restoration Trust

Peter van Kampen
Kairuruku Whakahaumanu Kaimoana
Shellfish Restoration Coordinator
The Nature Conservancy Aotearoa/NZ
Restoring the mussel reefs of Tikapa Moana/Tē Moananui-a-Toi
Our projects

- Rotoroa Is.
  - Dec 2013: 7t
  - Sep 2014: 63t

- Mahurangi Harbour & Motuora
  - Oct 2016: 7x 1t
  - Nov 2017: 5x 10t
  - Nov 2018: 2x 10t
  - Jul 2019: 10t

- Coro candidate sites
  - Investigate potential sites under Waikato Region which has a more enabling coastal plan

- Ponui Is.
  - Shell substrate trial. Stopped due to biosecurity concerns over Mediterranean Fanworm
  - BLOCKED

- Okaku Bay
  - Joint project with Ngāti Whātua o Ōrākei. On hold awaiting Auckland Council Resource Consent
  - BLOCKED

Attachment A
Item 4.7
Sadly, every year we seem to be doing less and less mussel restoration...

We are the prime actors, delivering on the HGF’s aspirational goal of 1,000 sq.km of restored shellfish beds. But, our kaimahi can’t do the mahi...

We need the HGF to take the lead on removing bottlenecks and working on policy changes needed to create a more permissive & enabling operating environment.
Our asks of the Hauraki Gulf Forum members

**AUCKLAND**

Council worked with us on our Resource Consent application. It addresses issues of scale; duration; and the inevitable “fuzziness” of restoration planning - and manages any risk of adverse effects. Subsequent progress has been frustratingly slow. Stakeholder support is evaporating and the window of opportunity closing.

1: *Councillors: Give Consent decision makers a clear political signal. Support the shellfish restoration kaupapa and shift the perceived risk/benefit equation.*

2: *Councillors: Confirm your support of the shellfish restoration kaupapa within Council. Let’s ensure shellfish restoration activity is explicitly included in the next Regional Coastal Plan.*

3: *Work to harmonise conditions across Auckland & Waikato Coastal Plans. Remove obstacles to restoration.*

4: *Work to enable marine biosecurity mgmt under regional pest mgmt plans for reef restoration activity.*

**WAIKATO**

The Coastal Plan for Waikato is more permissive than Auckland’s. However, it doesn’t make direct reference to shellfish restoration, and this creates uncertainty.

**MPI**

Removing mussels for treatment on land then returning them to the sea where the same unwanted organism(s) already reside increases our costs, reduces our yield and makes no real sense. Let’s revisit the rules…

5: *Back our request to operate more freely in a restricted zone - specifically south of a line drawn from Takatu Point to Cape Colville.*
Stocktake on Marine Dumping

The Hauraki Gulf Marine Park Act 2000 defines the Marine Park’s marine area as the territorial sea of the Auckland and Waikato regions – out to 12 nautical miles past the last point of land. Beyond the Marine Park’s boundary, extending out to 200 nautical miles, is the Exclusive Economic Zone (EEZ) governed by the EEZ and Continental Shelf Act 2012.

There is no marine dumping currently authorised within the boundary of the Marine Park. (Though there has been extensive dumping within the Gulf in the past, and current consents do allow for discharge within the Marine Park in emergency situations e.g. rough weather, mechanical failure.)

However, there is marine dumping authorised at two sites near the boundary of the Marine Park in the EEZ. The first is the consented site near Aotea / Great Barrier. The second is the legislated site off from Cuvier / Repanga. These are shown below in the graphic provided by the Environmental Protection Authority (EPA).

Marine dumping in the EEZ is defined as “deliberate disposal or storage of waste or other matter”.

![Marine Dumping consents map](image-url)
In respect of each of those sites there is only one consent holder.

The consent holder for the site near Aotea is Marina Consultants Limited (the consent, originally obtained by Coastal Resources Limited, was recently transferred to MCL). MCL’s consent provides for up to 50,000m$^3$ to be disposed per annum, and expires in 2032. The EPA have noted that MCL/CRL have not hit that cap in any given year to date, and the annual allowance cannot be carried forward if unused. CRL did apply for an additional consent for up to 250,000m$^3$, which was granted, then contested through judicial review proceedings in the High Court, sent back to the EPA, and while it was being reconsidered the application was withdrawn. In respect of the MCL consent there are corresponding consents for dredging of the coastal marine area authorised by regional authorities that provide much of the waste being disposed of through the EPA’s dumping consent. While legally separate, the two issues—dumping and dredging—are in practice two sides of the same coin.

The consent holder for the site near Repanga is Ports of Auckland Limited. POAL’s consent provides for up to 50,000m$^3$ of maintenance dredging and up to 400,000m$^3$ of capital dredging per annum, however the total capital dredging permitted to be dumped over the entire lifetime of the consent is capped at 2,000,000m$^3$. The consent runs until 2054. The distinction between maintenance and capital dredging is twofold: (i) maintenance is to maintain the existing channel and port area vs capital which is new excavation/deepening the channel and (ii) consents for maintenance dredging must be granted vs capital dredging which is discretionary. The corresponding dredging consent—for both capital and maintenance dredging, subject to conditions—was granted and notified on 11 August 2020.

More information on both dumping consents, including the specific conditions surrounding them, can be found here: [https://www.epa.govt.nz/industry-areas/eez-marine-activities/previous-applications-and-activities/dumping-of-waste-or-other-matter/](https://www.epa.govt.nz/industry-areas/eez-marine-activities/previous-applications-and-activities/dumping-of-waste-or-other-matter/)

**How to give effect to the Forum’s desire to see an end to marine dumping?**

In short, you stop it at source, change where it goes, or remove the ability to do it.

Putting to one side for a moment the two existing consents, if regional authorities were to stop authorising dredging bound for marine dump sites, or central authorities were to stop authorising marine dumping in the EEZ, the clock would start until marine dumping near the Hauraki Gulf Marine Park was no longer occurring. But in both cases those authorities are acting in accordance with the current legislative framework passed by Parliament. Therefore, curtailing marine dumping will either require action by Parliament to change the applicable legislation, or a decision by the courts that the existing legislation is in fact inconsistent with other primary statutes or obligations, for instance the Treaty of Waitangi, or a commercial decision by the companies in question to change tack.

The Forum could do two things:

1. The Forum can start a conversation with the incoming government, in particular the Ministers of Environment and Local Government, about how we can achieve a future where barges are no longer running back and forward through the Marine Park en-route to dispose of waste near the boundary.
2. The Forum can ask its members to look further into marine dumping alternatives — e.g. land-based disposal. Though mindful that (i) this is looked at extensively during the consenting process and for those existing consents it was considered that there was no viable or
economic land-based alternative and (ii) the companies themselves have said publicly they do land-based where possible (e.g. POAL turning it into mudcrete and using it for reclamations) and would do more if viable.