

I hereby give notice that an ordinary meeting of the Manukau Harbour Forum will be held on:

Date: Friday, 15 December 2017
Time: 12.00pm
Meeting Room: Māngere-Otāhuhu Local Board Office
Venue: Shop 17
93 Bader Drive
Māngere Town Centre

Manukau Harbour Forum

OPEN AGENDA

MEMBERSHIP

Chairperson	Saffron Toms
Deputy Chairperson	David Holm
Members	Member Joseph Allan
	Member Alan Cole
	Member Bernie Diver
	Member Carrol Elliott, JP
	Member Bill McEntee
	Member Tracy Mulholland
	Member Dawn Trenberth

(Quorum 5 members)

Tua Viliamu
Democracy Advisor

7 December 2017

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1 Welcome

2 Apologies

At the close of the agenda no apologies had been received.

3 Declaration of Interest

Members are reminded of the need to be vigilant to stand aside from decision making when a conflict arises between their role as a member and any private or other external interest they might have.

4 Confirmation of Minutes

That the Manukau Harbour Forum:

- a) confirm the ordinary minutes of its meeting, held on Friday, 20 October 2017, as a true and correct record.

5 Leave of Absence

At the close of the agenda no requests for leave of absence had been received.

6 Acknowledgements

At the close of the agenda no requests for acknowledgements had been received.

7 Petitions

At the close of the agenda no requests to present petitions had been received.

8 Deputations

Standing Order 3.20 provides for deputations. Those applying for deputations are required to give seven working days notice of subject matter and applications are approved by the Chairperson of the Manukau Harbour Forum. This means that details relating to deputations can be included in the published agenda. Total speaking time per deputation is ten minutes or as resolved by the meeting.

8.1 Deputation: The Manukau Harbour Restoration Society Inc

Purpose

1. Jim Jackson from The Manukau Harbour Restoration Society Inc requested an opportunity to speak on the following:
 - i) Hydrodynamic Modelling of the Manukau Harbour update.
 - ii) Raw sewer discharges into the Manukau Harbour during storm events and its impact on short term and long term water quality.
 - iii) Auckland councils stormwater separation at source policy.
 - iv) Responsibility of Watercare and Healthy Waters to manage and provide a more reliable system to avoid stormwater ingress into Watercare's Sewer Network.
 - v) The ongoing relevance of consent to conditions in favour of Watercare to discharge raw sewage into the Manukau Harbour during equipment failures and storm events.
 - vi) By Passes from the Mangere Waste Water Treatment plant into the Manukau

- Harbour during storm events.
- vii) Stormwater flow has a negative impact on the operational requirements of the MWTP.
 - During normal operations the MWTP plants performs exceptionally well however during storm events its performance is highly compromised and can take many days to return to normal operation.
 - viii) When By Passes occur at the MWTP the Manukau Harbour it is during these periods that the harbour is being used to treat waste water and does Watercare have consent to use the harbour for treatment purposes?
 - Negative impact on saltwater marine life with the large quantities of treated waste water (fresh water) being discharged into a shallow upper harbour location with limited flushing every 24 hours which takes 12 days to reach the Tasman Sea.
 - ix) Councils Safe Swim beach water quality ratings program of beaches around the Manukau Harbour especially Long Term Water Quality Alerts.
 - Taumanu East
 - Clarks Beach
 - Laingholm
 - Huia etc.
 - Septic Tank Leakage
 - Overflows from waste water pipes.
 - Does Council have a long term plan to address this problem
 - x) The importance of establishing locations around the harbour to collect robust and reliable water quality data.
 - xi) Implementing plans to deliver a reduction in phosphorus and nitrogen levels in to the Manukau Harbour
 - xii) Consent hearing regarding the proposed Clarks Beach new Waste Water Treatment Plant
 - xiii) The cancelation of the EWL and the short and long term implications to upper Manukau Harbour redevelopment options
 - xiv) Ownership of the Port of Onehunga
 - xv) Redevelopment of the Port of Onehunga
 - xvi) POAL NZTA's & Panuku's short and long term plans for the redevelopment of the Port of Onehunga
 - xvii) Dredging at the Port of Onehunga.
 - xviii) Dredging at the Waiuku Wharf.
 - xix) What is to be done with the dredged sediment?
 - xx) Replacement of the Mangere Onehunga Pedestrian Bridge including
 - xxi) Light Rail station at Port of Onehunga
 - xxii) Floating temporary dock at Port of Onehunga
 - xxiii) Ferry service on the Manukau Harbour
 - xxiv) Identifying and delivery of core Manukau Harbour Infrastructure
 - xxv) Mooring locations around the harbour to be sited in protected locations wind & tidal movement.
 - xxvi) Greater presence of Fisheries Officers to ensure abuse of the catch limits are complied with.
 - xxvii) Should the business model to manage the Manukau Harbour be revisited maybe along the lines of the following:-?
 - Manukau Harbour Authority (MHA) be established that has the operational requirements of an Urban Development Authority (UDA).
 - The MHA to be made up of the Crown, Auckland, Council, Iwi & Key Stakeholders

- The MHA has a robust funding stream.
 - The MHA makes decisions not recommendations.
 - The MHA has a chairman to lead the process who has strong business environmental management and local knowledge skill set.
- xxviii) The long term goal of MHF should be to set a time line to improve significantly harbour fish stocks followed by a goal that we can gather shellfish and eat them safely, catch fish and eat them safely and swim anywhere in the harbour safely.
- These are simply objectives but generationally will be the key to improving this harbour that has been abused for the past 100 years.

Recommendation/s

That the Manukau Harbour Forum:

- a) receive the deputation submission from Jim Jackson from The Manukau Harbour Restoration Society and thank him for attending the Manukau Harbour Forum meeting.

9 Public Forum

A period of time (approximately 30 minutes) is set aside for members of the public to address the meeting on matters within its delegated authority. A maximum of 3 minutes per item is allowed, following which there may be questions from members.

At the close of the agenda no requests for public forum had been received.

10 Extraordinary Business

Section 46A(7) of the Local Government Official Information and Meetings Act 1987 (as amended) states:

“An item that is not on the agenda for a meeting may be dealt with at that meeting if-

- (a) The local authority by resolution so decides; and
- (b) The presiding member explains at the meeting, at a time when it is open to the public,-
 - (i) The reason why the item is not on the agenda; and
 - (ii) The reason why the discussion of the item cannot be delayed until a subsequent meeting.”

Section 46A(7A) of the Local Government Official Information and Meetings Act 1987 (as amended) states:

“Where an item is not on the agenda for a meeting,-

- (a) That item may be discussed at that meeting if-
 - (i) That item is a minor matter relating to the general business of the local authority; and
 - (ii) the presiding member explains at the beginning of the meeting, at a time when it is open to the public, that the item will be discussed at the meeting;

but

- (b) no resolution, decision or recommendation may be made in respect of that item except to refer that item to a subsequent meeting of the local authority for further discussion.”

11 Notices of Motion

There were no notices of motion.

Confirmation of Workshop Records

File No.: CP2017/26650

Purpose

1. This report presents records of workshops held by the Manukau Harbour Forum:
 - 18 August 2017
 - 20 October 2017

Executive Summary

1. At the workshop held on Friday, 18 August 2017 the Manukau Harbour Forum had briefings on:
 - Manukau Harbour Hydrodynamic Model Update
 - Draft work programme.
 - Final results of the flagship sites for 2016/17
2. At the workshop held on Friday, 20 October 2017 the Manukau Harbour Forum had briefings on:
 - Marine education programme (MAD marine)
 - Identifying the sources of faecal contamination at beaches in Auckland
 - Draft work programme
3. The workshop records are attached to this report.

Recommendation/s

That the Manukau Harbour Forum:

- a) receive the workshop records held on 18 August and 20 October 2017 (attachment A and B)

Attachments

No.	Title	Page
A 	MHF Workshop Records - 18 Aug 2017	11
B 	MHF Workshop Records - 20 Oct 2017	13

Signatories

Authors	Tua Viliamu - Democracy Advisor
Authorisers	Glenn Boyd - Relationship Manager Henderson-Massey, Waitakere Ranges, Whau



Workshop Programme Manukau Harbour Forum

Date: Friday 18 August 2017

Time: 10.00am – 12.15pm

Venue: Mangere-Otahuhu Local board office, Shop 17, 93 Bader Drive, Mangere Town Centre

Chairperson	Saffron Toms	<i>Waitakere Ranges Local Board</i>
Deputy Chairperson	David Holm	<i>Puketapapa Local Board</i>
Members	Alan Cole	<i>Franklin Local Board</i>
	Joseph Allan	<i>Manurewa Local Board</i>
	Dawn Trenberth	<i>Otara-Papatoetoe Local Board</i>
Alternate Members	Nerissa Henry	<i>Maungakiekie-Tamaki Local Board</i>
	David Whitley	<i>Whau Local Board</i>
Apologies	Tracy Mulholland	<i>Whau Local Board</i>
	Josephine Bartley	<i>Maungakiekie-Tamaki Local Board</i>

Staff
 Shirley Coutts (*Senior Local Board Advisor*), Libby Caldwell (*Senior Healthy Waters Specialist*), Coral Grant (*Technical Lead Officer, Healthy Waters*), Emma Joyce (*Relationship Advisor, I& ES*), Riya Seth (*Democracy Advisor*), Chris Garton (*Watercare - Environmental Scientist*), Roseline Klein (*Watercare - Sustainability Manager*), Jarrod Walker

Item	Item	Led by	Time
1.0	<p>Manukau Harbour Hydrodynamic Model Update</p> <ul style="list-style-type: none"> • <i>Members received an update on the Manukau Harbour Hydrodynamic modelling (undertaken by both Watercare and Auckland Council).</i> • <i>Geology, hydrodynamics, catchments, sediments, land use change, deforestation, urban expansion and discharges into the Mangere inlet were also discussed.</i> • <i>It was noted that the land use data used for the Hydrodynamic modelling is not as accurate as it could be if they had access to statistics NZ data. However, it is the most accurate data that Auckland Council have to date. Staff members were asked to use up to date land-use data if possible.</i> • <i>Water quality model was also discussed (due to various land-uses and discharges). This includes monitoring of phytoplankton, nutrients, organic matter, iron and sulphur etc.</i> • <i>Auckland Council (Healthy Waters) are in the process of procuring development of a watershed model for</i> 	<p>Chris Garton (Watercare)</p> <p>Roseline Klein (Watercare - Sustainability Manager)</p> <p>Jarrod Walker</p> <p>Coral Grant</p>	<p>10.05am – 11.15am</p>

	Item	Led by	Time
	<p><i>sediment, metals and bacteria – this will be done on a regional scale including the Manukau watershed.</i></p> <ul style="list-style-type: none"> <i>Auckland Council (Healthy Waters) have committed \$300k to support the hydrodynamic modelling for sediment, metals and bacteria, giving a total investment of \$500k (when including the updated LIDAR data gathering).</i> <i>Auckland Council is committed to reducing stormwater pollutants and minimising runoffs that are discharged into the Manukau Harbour.</i> <i>This further modelling also has an estimated delivery date of mid 2019.</i> 		
2.0	<p>Draft work programme</p> <ul style="list-style-type: none"> <i>Draft MHF work programme was discussed with forum members.</i> <i>It was noted that staff does not have certainty around regional funding for Mad Marine programme at this time.</i> <i>forum members asked staff to arrange for them to go to all 9 member boards areas and visit/discuss issues around Manukau Harbour in each area.</i> <i>Requested that staff arrange for a deputation on Mad Marine programme to come to the next forum meeting.</i> <i>Noted that the forum will be advocating to the governing body for review of MHF.</i> <i>It was noted that a memo will be provided to the members on East-West link and sedimentation clean-up in that area of the harbour.</i> 	Emma Joyce, Libby Caldwell, Coral Grant	11.15am – 11.30am
3.0	<p>Final results of the flagship sites for 2016/17</p> <ul style="list-style-type: none"> <i>final results of the flagship sites for 2016/17 were discussed with members.</i> <i>It was suggested that partnering with BIDs can significantly reduce the funding for this programme.</i> <i>Members asked for construction business to be considered as potential option for this programme as these activities have significant effect on harbour's health.</i> <i>Members asked to explore options for acknowledgement of local community groups for their work.</i> 	Libby Caldwell	11.30am – 12.15pm

Workshop Records Manukau Harbour Forum

Date: Friday 20 October 2017

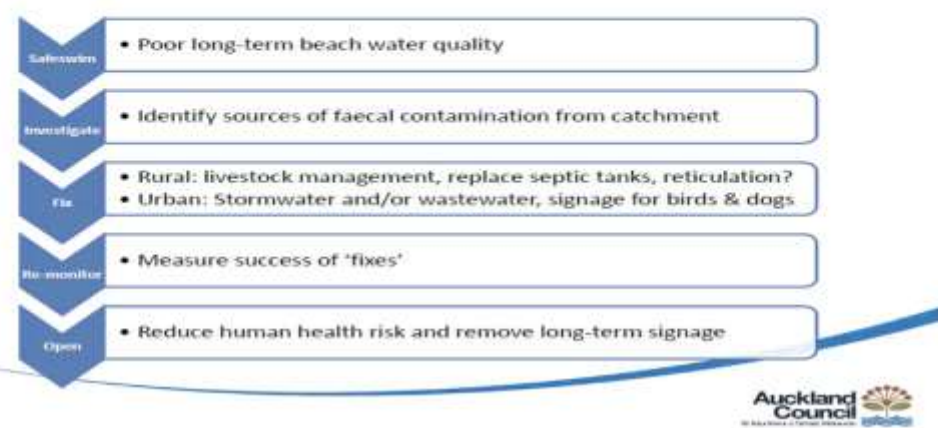

Time: 10.00am – 11.40am

Venue: Mangere-Otahuhu Local board office, Shop 17, 93 Bader Drive, Mangere Town Centre

Chairperson	Saffron Toms	<i>Waitakere Ranges Local Board</i>
Deputy Chairperson	David Holm	<i>Puketapapa Local Board</i>
Members	Alan Cole	<i>Franklin Local Board</i>
	Carrol Elliott, JP	<i>Mangere-Otahuhu Local Board</i>
	Joseph Allan	<i>Manurewa Local Board</i>
	Josephine Bartley	<i>Maungakiekie-Tamaki Local Board</i>
	Dawn Trenberth	<i>Otara-Papatoetoe Local Board</i>
	Bill McEntee	<i>Papakura Local Board</i>
	Apologies	Tracy Mulholland
Staff	Victoria Villaraza (<i>Relationship Manager</i>), Libby Caldwell (<i>Senior Healthy Waters Specialist</i>), Coral Grant (<i>Technical Lead Officer, Healthy Waters</i>), Emma Joyce (<i>Relationship Advisor, I&ES</i>), Riya Seth (<i>Democracy Advisor</i>), Bridget Glasgow (<i>Sustainable Schools Team Manager</i>), Kirsten Gerrard (<i>Senior Healthy Waters Specialist</i>)	

Item	Item
1.0	<p>Marine education programme (MAD marine)</p> <p>Presenters: Bridget Glasgow, Emma Joyce</p> <ul style="list-style-type: none"> • <i>Members received an update on Young Leaders Programme (YLP).</i> • <i>Staff is consolidating past youth programmes for secondary students like MAD Marine and Green Jam to develop a revised Young Leaders Programme. The programme will run over 3 years with the intention to empower young people with increased action competency and leadership for sustainability capability.</i> • <i>For first year of the programme a series of workshop are planned over 3 days (it was noted that camping will not be part of this):</i> <p><u>Day One</u></p> <ul style="list-style-type: none"> • <i>Full group</i> • <i>Setting the scene – connection to place and people at Marae</i> • <i>Leadership capability development at Marae</i> • <i>Dinner on the beach with Sustainable Coastlines featuring leadership talks with young leaders</i> <p><u>Day Two</u></p> <ul style="list-style-type: none"> • <i>Two geographic groups on location (Waitemata Harbour and Manukau Harbour)</i>

	Item
	<ul style="list-style-type: none"> • Workshopping geographic issues with key stakeholders with shared lunch • Developing solutions and action plans <p>Day Three</p> <ul style="list-style-type: none"> • Full group at Auckland Council offices • Capability development: financial literacy, event management, storytelling and media • Developing action plans • <i>Intended outcome from the programme is to develop:</i> <ul style="list-style-type: none"> ○ <i>Students with increased action competency and leadership for sustainability capability</i> ○ <i>5 community coastal clean-up events as part of Love Your Coast Tamaki Makaurau (10,000 litres of marine debris removed)</i> ○ <i>5 solutions in development to take action for sustainability</i> ○ <i>5 key commercial partners engaged</i> ○ <i>National media story</i> • <i>Auckland Council will host students from 9 local boards surrounding the Manukau Harbour and will coordinate the workshops.</i> • <i>\$15,000 is needed from the MHF to subsidise student attendance, catering and equipment for monitoring and restoration. The reason for request is that it's a multi-board project which is not otherwise funded / complemented by regional funding and support.</i> • <i>This project is part of a three year plan and this cohort will be supported to develop sustainability projects for Seaweek 2019, grow youth networks and support other young people in their understanding of sustainability issues and taking action for the Manukau.</i> • <i>It was noted that schools will be informed and student will need to apply to get involved in the programme. Staff suggested that 2 student per school is considered a better option (if possible) for student as they can support each other.</i> • <i>Members requested that staff get quotes for 3 day stay-in camp as well. This will provide comparison for future years (as transport cost will be reduced due to students staying in for the duration of the programme).</i>
2.0	<p>Identifying the sources of faecal contamination at beaches in Auckland</p> <p>Presenters: Kirsten Gerrard, Coral Grant, Emma Joyce</p> <ul style="list-style-type: none"> • <i>Healthy Waters programme to determine the sources of faecal contamination at bathing beaches with poor long-term microbiological water quality (i.e. Safeswim beaches with a Microbiological Assessment Category grade 'D' and beaches with permanent health warning signage) was discussed with members.</i> • <i>It was noted that council monitors faecal bacteria weekly at 72 popular locations across Auckland (weekly surveillance testing over summer and annual beach grading based on long-term data) – "Safeswim programme".</i> • <i>It was noted that there is 48 hour lab turnaround for the motoring data which means that the results are out of date as soon as they are available.</i> • <i>Predictive modelling to predict health risk at existing Safeswim beaches is being developed; this modelling will take weather forecast in consideration as well. A new website will be launched and new signs will be installed at beaches (including electronic signage at Mission Bay).</i> • <i>Faecal contamination investigation process and proposed fixes to improve water quality were discussed (see below):</i>

Item	
	<p style="text-align: center;">Faecal contamination investigation process</p>  <p style="text-align: right;"></p> <p style="text-align: center;">'Fixes' to improve water quality</p> <ul style="list-style-type: none"> ➢ Voluntary Targeted Rate - upgrading or replacing OSWW systems ➢ Local Board grants - consenting of new OSWW systems ➢ Investigating other tools - OSWW bylaw for pump-outs ➢ Waterway Protection Fund - up to 50% grant for riparian fencing/planting ➢ Ballance Farm Environment Awards - encourage good management practice ➢ Central Interceptor project - working with Watercare to achieve best outcome <ul style="list-style-type: none"> • <i>Currently there is a trial at west-coast lagoon area for voluntary targeted rates where an option is available to residents of the area to get their septic tanks fixed and pay-back to council via rates over a period of time.</i> • <i>It was noted that staff will be coming to local boards asking for their input on addition of new sites for water monitoring (as part of regional process).</i>
3.0	<p>Draft work programme</p> <p>Presenter: Emma Joyce</p> <ul style="list-style-type: none"> • <i>Draft work programme was discussed with members.</i> • <i>It was noted that Flagship site programme is being reviewed and a report will be coming to the forum.</i>