

Minutes of Whakaraupō / Lyttelton Harbour

Science Advisory Group

Thursday 10th November 2016

University of Canterbury, Geography building, Room 344

Meeting title	Whakaraupō Science Advisory Group – Meeting 2
Date	Thursday 10 th November 2016
Time	2 – 4:30 pm
Venue	University of Canterbury, Geography building, Room 344
Invited	Deirdre Hart, Tasman Gillies, Ian Lynn, Tim Davie, Bianca Sullivan, Terri Young
In attendance	Deirdre Hart, Tasman Gillies, Ian Lynn, Tim Davie, Bianca Sullivan, Terri Young
Apologies	

Item	Action
1. Apologies	
2. Confirmation of minutes / actions outstanding	Update minutes and circulate to PWG with TOR
3. Report back from PWG <ul style="list-style-type: none"> a. TY provided an update on the 7th November PWG meeting. Of particular note: <ul style="list-style-type: none"> i. The PWG has determined that mahinga kai spp. should form key indicators of health for the harbour (cultural and ecological) ii. Donald Couch will be proposing a core group of spp. and developing a 1 pager on each to submit to the SAG for review iii. DRAFT PWG/SAG programme of work presented for the next 5 months up to April 2017. This will also be presented to the PWG at the next meeting. 	TY – add a legend on the POW to id colours
4. Issues / drivers of decline in health of the harbour and catchment <ul style="list-style-type: none"> a. In order to be meaningful, issues must be identified at a spatial/temporal scale where management actions can be applied 	TY – download data from contaminated land register

<ul style="list-style-type: none"> b. In this context, the term ‘access’ applies to both physical access to a resource and the availability of the kai to be harvested. <ul style="list-style-type: none"> i. Physical access may be affected by a change in sediment profile (too muddy) or by statutory mechanisms such as closed areas. ii. Availability may be affected by quantity of e.g. cockles available, or through factors such as <i>E.coli</i> contamination. iii. Motueka study – pulse v’s continuous pressure stresses, which is worse? c. See Appendix 1 for a full list of identified issues. 	
<ul style="list-style-type: none"> 5. Field trip planning <ul style="list-style-type: none"> a. Potential speakers for metals contamination / toxicology – Sally Gaw, Islay Marsden, Lesley Bolton-Ritchie. b. Mahinga kai session (Rāpaki) – Tasman c. Sediment and hydrodynamics (Gov Bay) – Deirdre d. Land based sediment sources (Teddington) – Ian e. Streams (Purau) - Tim f. Sediment contaminants / water quality – Lesley Bolton-Ritchie g. Port redevelopment / environmental management – Kim Kelleher. h. Meet at 9.15 at 200 Tuam Street in the Asaph Street car park. i. Health & Safety risk assessment to be completed by ECan. j. Packed lunches and minibus to be organised. 	<p>BS / TY – organise speaker for contaminants.</p> <p>ALL – to prepare for your presentations/sessions</p> <p>All - Submit a 2 pager to TY on your session by Monday 28th Nov</p>
<ul style="list-style-type: none"> 6. Any other business 	

Next meeting: Date: Thursday 24th November

Location: Whakaraupō field trip