

Agenda for Water Quality TAG meeting

6 Aug 2019 at 9:30 am

Bay of Plenty Regional Council Rotorua Office

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1. 9:30 am - Welcome and Apologies
 2. 9:35 am - Matters from last meeting (8 May 2018).

Action No.	Action Point	Action or person responding
1	<i>Andy Bruere to follow up with one pager that went through Warwick Murray and the response from OVERSEER with solutions to points that are outstanding and circulate the one pager amongst the WQTAG.</i>	Andy Check this link: https://www.pce.parliament.nz/media/196493/overseer-and-regulatory-oversight-final-report-web.pdf
2	<i>David Hamilton to discuss funding for Takiwa within the Lakes380 programme.</i>	(Completed)
3	<i>Andy to provide Nanobubbles reports to be circulated amongst WQTAG.</i>	Andy
4	<i>Andy B/ David H to produce a one page executive summary of climate change statement document</i>	Andy
5	<i>Michelle Lee to provide link to the document open for submissions.</i>	Karla
6	<i>David Hamilton to add impacts with stratification on fauna (e.g. koura) and toanga species around how they may be affected by climate change and increasing surveillance for exotic species and the increased biosecurity risk</i>	David (To be included in Climate Change Paper).
7	<i>Max Gibbs/ Clive Howard-Williams to run some calculations on the influence of macrophyte decay on oxygen levels in Lake's Ōkāreka and Rotoiti.</i>	Max
8	<i>Alison Lowe to coordinate a working group to look into water policies around volumes entering the WWTP.</i>	Alison to circulate RLC Water Conservation Strategy.
9	<i>Sediment TAG to address modelling actions for Ōkaro and Rotoiti.</i>	Ōkaro (Troy to report later) Rotoiti on hold

3. 10:30 am Climate Change
 - a. Paper circulated (David)
4. 11:00 am Alum Dosing
 - a. Rotoehu:
 - i. Workshop and project
 - ii. Alum proposal and consent (Andy),
 - iii. Monitoring (Justine)
 - b. Alum dosing Rotorua
 - i. Update from Justine,
 - ii. Update on consenting (Andy).
5. 12:00 pm Sewage update and water conservation strategy(Alison)

6. 12:30 pm Lunch
7. 1:15 pm BOPRC/UoW work programme and model updates (Andy/Troy)
 - a. Towards a framework underpinning the use of models and data to support RTALSG
 - i. Use of simple budget models, model ensembles, and/or information criterion scores to justify ongoing use of more complex models (Troy)
 - ii. Consideration of uncertainty; introduction of tracers and other approaches; and staged community engagement (Troy and team)
 - iii. Toward improved consideration of forests and forest harvesting (Troy & Mat)
 - iv. Updated N and P budgets for all lakes (Chris McBride)
 - v. UOW programme(s) (Andy/Troy)
 - b. Updates of existing model activity/proposals
 - i. Ōkāreka (David/Andy)
 - ii. Tarawera (Troy & Chris McBride):
 1. Revised data, reconsideration of historic TLI, model objectives
 2. Ongoing development interconnected water and nutrient flows in Lake Tarawera catchments
 - iii. Ōkaro (Mat Allen)
8. 3:30 pm General business and emerging issues
 - a. TLI report (James)
 - b. Rotoiti underflow (Max G)
9. 4:00 meeting close.