

Agenda for Water Quality TAG meeting

8 May 2018 at 9:30 am

Bay of Plenty Regional Council Rotorua Office

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1 9:30 am - Welcome and Apologies

Piet Verburg, Warwick Silvester, Nicki Douglas

2 9:35 am - Matters from last meeting

Action No.	Action point	Action or person responding
1	Invite Caroline Reid to next TAG	Andy (on hold)
2	Andy Bruere to follow up on Grant Tempero's phytoplankton limitation proposal as to whether it has been finalised (PC10).	Completed
3	Circulate brief of what work modules people are doing in relation to the requirements of the Science Review Terms of Reference (timeframe mid-late January).	Completed
4	David Hamilton to provide Queensland WQ Network Good Modelling practise Document for circulation to TAG.	Completed
5	Joe Butterworth to pass Paul White's contact to Te Arawa Lakes Trust to help provide details of Waiotapu Lakes Management	Completed
6	Paul Scholes to look at nutrient analysis issues with respect to testing the made up samples, compare filtration and approach laboratories to notify regarding issues, add nitrogen samples to the comparisons, and, include the Rotorua Lakes Council lab in the comparisons.	Paul Scholes
7	Troy Baisden and Andy Bruere to discuss how they may be able to develop the Takiwa project funding and take the software forward. How can farming and community engagement be included?	Troy/Andy
8	At the next Sediment TAG meeting discuss Alum dosing options for Lake Rotoehu.	Andy
9	Provide information on MicroNano bubbles to next TAG from Max Gibbs or the Auckland suppliers.	Andy
10	Andy Bruere to add Lake Ōkaro and Rotoehu to the next Sediment TAG Agenda - Discuss options around how Ōkaro can be managed and include the catchment and lake modelling that Mat Alan is doing.	Andy
11	Max Gibbs to scope a project to determine where the sediment source is for the Waitetī Stream.	Discontinued
12	David Hamilton to provide Jamie Puryer-Fursdon and Jonathan Abell's sedimentation research for circulation to the TAG.	Completed
13	David Hamilton to prepare draft paper on climate change and identify main points which can be taken to the councillors. This will form the next TAG statement on climate change and we will circulate it for TAG comment before the next TAG meeting.	For TAG meeting
14	Andy Bruere to Invite Michelle Lee to the next WQTAG meeting to discuss climate change mitigations.	Andy
15	Alastair MacCormick to distribute report (Evaluation of options for nutrient reduction in Rotorua - Jo McQueen, Wildlands) for comment. Look at bringing in alignment with P. Put a table of the evaluation in the introduction (shift all of the rejected options into an appendix).	Alastair
16	Alastair MacCormick to distribute Tarawera conceptual plan	Completed

	Excel model to the TAG.	
17	Alastair MacCormick to talk to Troy regarding assistance from student for the Tarawera conceptual plan project.	Troy/Alastair
18	Andy Bruere to add items to take to the next Sediment TAG Agenda: Lake Ōkaro, Lake Rotorua Sediment report and Lake Rotoehu.	Andy
19	Project for the future: Update the Lake Rotoiti model to include inflows into the lake from leakage through the wall or with the wall removed.	On-hold
20	Andy Bruere and Troy Baisden to discuss options for creating a gate in the Ōhau Channel Wall to aid in aeration of the lake bottom waters at times.	Troy/Andy
21	Andy Bruere and Jo Butterworth to discuss water quality management around Lake Rotomā and other lakes.	Completed

3 10:30 am Climate Change

- a. Paper circulated (David)

4 12:00 pm Model updates

- a. Ōkāreka (David)
- b. Tarawera (David)
- c. Rotorua PC10(Chris)

5 12:45 pm Lunch

6 1:30 pm Alum Dosing

- a. Rotoehu:
 - i. Set up W/S at a later date to discuss in depth
 - ii. Update on alum dosing (Niroy)
 - iii. Planning W/S on Rotoehu water quality (trend, effectiveness of actions)
- b. Alum dosing Rotorua
 - i. Update from Niroy,
 - ii. Update on consenting (Andy).

7 3:00pm Sewage update (Alison)

8 3:30pm In-Lake N reduction study (Alastair)

9 4:00pm Future TAG operation and workshop approaches (including crosscutting sediment/land TAGs)(Troy/Andy)

- a. Rotoehu alum workshop when Chris Eager is available
- b. Future of Overseer/Clues/Rotan type tools
- c. Integrated buoy/satellite
 - i. Joint with Lakes Resilience synthesis
 - ii. Sediment work on Rotorua and Rotoehu
 - iii. Okaro modelling approach

10 Meeting Close 5:00pm