

Agenda for Water Quality TAG meeting

23 April 2015 at 9:30 am

Bay of Plenty Regional Council Rotorua office

Apologies

Matters from last meetings

Action Point	Notes	Action or person responding
David: Report back to next TAG with completed report on Rotoehu De-stratification		Awaiting final report
Hamilton: Advise on opportunity for mesocosm trials in University of Waikato campus lakes.	David has opportunity to test liming on Waikato Univ lakes.	Refer to next SAG meeting.
White: Send report to Andy of the outlines of GW monitoring. (Rerewhakaaitu modelling)		Paul White, undertaking this as part of existing work
White: Undertake simple GW work to establish GW catchment boundaries for Rotomā.		Not commissioned yet, monitoring started McIntosh
Bruere: Recommend development of methodology for establishing P loads from land use. Take to Land TAG and talk to Sandy Elliott		Andy refer to new Land TAG.
White: Repeat the NIWA monitoring work and install a shallow water bore at Steep Street for ongoing monitoring.		Scholes progressing
Paul to complete report on Okawa Bay weed spraying	Put presentation from LWQS into brief report	Paul Scholes

Model updates

- (a) Rotokakahi report (David)
- (b) Tikitapu report (Chris) **await latest draft**
- (c) Ōkaro, Ryan Completed MSC, embarking on running scenarios, will develop new report. (David)
- (d) Rotorua sewage LTA,(David) **Alison ring**

Update on the 12 Lake Nutrient budget,

Draft report circulated (Chris and Piet). **Circulate Monday**

Lakes interventions, opportunities and risks.

NIWA report circulated (Max) **Circulate Tuesday PM**

ROTAN re-programme and Attenuation work

Re-write of the ROTAN programme (David)

Plan of work for the application of ROTAN to support Lake Rotorua nutrient budgets is attached as memo and spread sheet. (Andy)

Attenuation with the new Overseer outputs (Alastair and Kit)

A critical question here is: are we confident that the methodology to is still applicable to determine nitrogen inputs from the catchment, and will this be sufficient to support the rules? **Stephen Lamb to present the position of BOPRC**

Sewage statement

A draft has been circulated and discussed, need to decide on action forward. (Andy/Alison).

Alum dosing protocol update

- (a) Update on Rotorua and Rotoehu alum dosing (Niroy)
- (b) Alum: the recommendations and monitoring from David modelling report, (And slides from grant)
- (c) Should we have a protocol that identifies stratification issues and pre-empts P release? (Andy).

Rotorua sewage update

- (a) RDC sewage steering committees (Alison)
- (b) Sewage TAG (Alison)

Aquatic weeds and Lake SPI

Position paper on-hold until next TAG meeting, discussion on need for position statement. **(All) Decide who will do the position paper**

Rerewhakaaitu

- (a) To get high-frequency buoy in Lake Rerewhakaaitu (Andy/Chris) update?
- (b) David Burger to bring report to next WQTAG meeting on Rerewhakaaitu farmers projects.
- (c) Rerewhakaaitu model maybe ready for discussion (David)

Detainment bunds verification (John Paterson/David H)

Some info on the range of removal rates

Other business

Land TAG update (Andy)

Science Plan (Andy)

SAG update (Andy) (Mention that we going to take the Nano bubbles to them and discuss the timing of the next Ōkaro Alum dose and Rotorua benthic chamber work and sediment core efflux) and add Rotoehu Aeration to Lake Rotoehu.

Inter-lab comparison progress (Paul Scholes)