Agenda for Water Quality TAG meeting
29 June 2017 at 9:30 am

Bay of Plenty Regional Council Rotorua office

1   9:30am Welcome and Apologies
David Burger, Clive Howard-Williams

2   9:35am Matters from last meetings

Summary of actions from Water Quality Technical Advisory Group Meeting – 7 October 2016		
Item Number	**Action Point**	**Action or person responding**
3a	Update levels in precipitation and check LIDAR for Lake Rerewhakaaitu modelling. Report close to completion. Update in agenda.	David Hamilton
4	Niroy to talk to Adam Hartland about potential location for another dosing point at Soda Springs. See agenda item 10.c	Niroy S
6b	Matt Liddicoat to check the remote sensing to see if a record of collision(s) into Tarawera buoy can be identified. Item closed, only one possible collision reported by Chris McBride.	Andy B
7	URGENT - Paul Scholes and Rob Donald to set up a group to plan the approach and expert advice to address the issue of step change in TP and TN. Matter passed to Rob Donald. This is not a lakes programme issue; it is a matter for the regional monitoring programme to consider. Closed. Note: Andy to get duplicate monitoring of Tarawera samples for modelling project.	Andy B
9	Andy Bruere to provide Rerewhakaaitu sub catchment boundaries to David Burger once they come from Rerewhakaaitu modelling work.	Andy B
11a	Niroy to do alkalinity testing prior to Ōkaro alum dosing and get advice on buffer usage. Jar tests being undertaken to assess dose rate and buffer requirements. Autumn dosing delayed until September to ensure dosing is safe.	Niroy
11d	Niroy to alter the protocol to reflect agreed changes in alum dosing rate and timing. Done manually, closed.	Niroy
11d	Niroy to provide Chris McBride with numbers for antecedent correlation for Rotorua and Rotoehu alum dosing protocol. Done.	Niroy
11e	Andy Bruere to extend NIWA contract to cover new PC 10 hearing timeframes. Completed.	Andy B
	Incomplete actions from previous meeting:	
4b	Include cyanobacteria monitoring for Lake Rotoiti to see if there is separation between Rotorua and Rotoiti water quality	David H
5	Lead a small working party to look into the management and investigations of the three urban sources of P. (Stream inputs managed by alum dosing, Rotorua sewage and urban catchment)	*Ongoing* Andy

	Progress update.	

3   10:25am Model updates

(a)   Rerewhakaaitu (David/ Chris)

(b)   Tarawera and the Tarawera Farm Plan project (David/Andy)

(c)   Ōkāreka (Andy)

(d)   Rotoiti (Andy).

4   11:05am Next Buoys

Tarawera and Rotokakahi progress (Chris McB),

Ōkāreka or other location (Rotoiti?) (Chris McB)

5   11:35am   Phytoplankton nutrient limitation in Lake Rotorua

Proposal from Grant Tempero (Grant T) circulated.

6   12:20pm   Lunch

7   1:10 pm   NIWA aquatic plant: Position paper on aquatic plants in the Rotorua Te Arawa Lakes (Clive/ Andy)

Brief Circulated.

8   1:40 pm   Sewage update (Alison)

Brief update on progress of both Rotorua and Rotomā/Rotoiti sewage programmes. (Alison).

9   2:10 pm   In-lake N reduction study (Alastair McC)

Review of In-lake actions to achieve 50 t N target. Draft report to circulate.

10 3:10 pm TAG statement on climate change (David).

11 3:45 pm   Other business

(a)   Rotoehu septic tank discharge numbers, spread sheet attached. (Alastair)

(b)   Ohau Wall update corrosion and fish pass (Andy)

(c)   Alum and P monitoring results (Niroy)

(d)   Update on Plan Change 10 policy for Rotorua. (Andy)

12 4:15pm Other matters (that have been on hold)

White: Undertake simple GW work to establish GW catchment boundaries for Rotomā.	**On Hold**	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	**On Hold**	Andy refer to new Land TAG Workshop in November 2016.
Repeat the NIWA monitoring work around septic tanks at Ōkāreka and install a shallow water bore at Steep Street for ongoing monitoring.	Paul has undertaken one round of peizo monitoring.	Paul Scholes progressing

13 4:30pm Meeting finish