

RPSC TAG Ongoing Action List – Update 2 April 2015 – Prior to TAG Meeting on 8 April 2015

This issue updated by JB

Ongoing Working dddraft – to be considered and updated at/after each TAG meeting and as is appropriate between TAG meetings.

TAG Actions		Lead By	Due Date By	Notes for Updating	Completed
1.	"Add On" Technologies identification and assessment includes indigitech and others in previously prepared 'flagged list'	TAG/AL	Ongoing	- Included as TAG Agenda #6 Meeting 8th April 2015 - See individual updates in earlier Action Lists	
2.	Discuss to what extent we need to consider Geothermal reinjection and current discussions with industry	TAG/AL	Complete	- RPSC have parked this one. 12/9 TAG considered further and consider the matter complete unless new information comes to hand.	12/9/14
3.	Discuss to what extent we need to consider activated carbon and current status of the proposed plant for Rotorua	TAG/AL	Ongoing	- Included as TAG Agenda #6 Meeting 8th April 2015 - See individual updates in earlier Action Lists	
4.	Effects of a discharge possible location towards the Ohau Channel end of the lake on lake(s) water quality, mixing patterns – take to WQ TAG	AB	ongoing	- Partly addressed by David Hamilton at RPSC presentation on 12/08 - Key item to be included in Key Action No.8. 12/9 Discussed – see minutes goes into effects study – This matter goes into the Waikato Uni effects study Stage 1 - Ongoing in effects assessment project – note this location not included in the AP/GM first cut discharge locations assessment	
5.	Consideration of micro-pollutants EDC's etc. consider info on the current treated discharge	TAG/AL/J B	Ongoing	12/9 TAG meeting - on hold until we have further info - Refer to Cawthron Report No. 2363 on RDC – WWTP treated wastewater - Further consider in conjunction with wastewater options report output - RPSC updated on this topic by JB at Committee meeting on 19th March 2015 - To consider further, once preferred option identified.	21/03/2015

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6.	Hiko/Field trip in April 2014 write up for consultation record etc.	JB	End of October	- JB to complete for consultation record - Photographs and brief verbal report already given to RPSC		
7.	Mott McDonald (MM) Wastewater consultant engagement to RDC – Detailed feasibility of core options 1, 2 and 3 and water discharge options – see brief	GM	Ongoing engagement to RDC	- GM as Project Manager gets weekly updates from MM. - MM draft report due 7th November TAG consider it at meeting 17th – 21 November (date to be confirmed) - Draft report presented to TAG 20 November 2014 and final report to RPSC 21 December 2014		Completed 21/12/14
8.	Water discharge location and effects investigations – what is known, what is needed, who will do them, when, overall program – integration into RMA consents/effects assessment process Waikato Uni effects study engagement to RDC	DH – Waikato University engagement	Ongoing	- Fundamental key part of work for decision making and RMA consent(s) report - GM has asked DH to lead and advise on scope – program etc. - To be undertaken in stages – stage 1 and 2 scope due to GM Monday 13th - GM to advise RPSC of scope etc at meeting 14th October - Both projects in progress TAG Being updated 8th April 2015 – Agenda Items 9 and 10.		
9.	TAG core short list graphic/to upgrade as per discussions at RPSC on 12/08	JB/AL	Ongoing	The graphic has been amended showing UV killing pathogens etc.		Completed 17/09/14 and subsequent updates
10.	Consultation Strategy – Warren/RPSC task any tag input	Warren/RPSC	Ongoing	Check with Warren, when (any) further Input needed		Completed at RPSC Oct/Nov 2015

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11. Consultation Implementation - technical material from TAG to be used for the documents etc e.g. Options write up and graphics, cost estimates etc	GM/AL/JB	Ongoing	- Data for information booklet for stage 2 consultation already provided - TAG provide further data as required	In progress through RPSC and Cultural and Impact Sub-Committee (CIS)
12. Other 'flagged options' e.g. Biochar, other add ons, in addition to Indigitech (Item 1)	TAG/AL	12/09 Meeting	- AL to continue to update on other correspondence and technologies being dialogued - Included as Agenda Item 6 TAG Meeting 8th April	Completed as now in included in Actions 1 and 3
13. Water quality and ecology standards and guidelines – relevance of NPS for Freshwater Management 2014 (Gazette on 4 th July)	TAG	12/09 Meeting	- There is an action on JB to provide to RPSC but this needs to be put into the context of Action Items 8 and 14 also 12/9 draft template on whiteboard to be drawn up and begin compiling. Work in progress - Additional information requested by RPSC at 19th March meeting – refer to Q&A Group B question one this – TAG Action needed as to who co-ordinates	This Action is now completed and included in Action 14 New Action now required
14. Receiving environment quality (Lake/River) standards and guidelines matched against WWTP effluent now and option 1, 2 and 3 effluent for a range of water quality, contaminants and ecological indicators e.g. QMCI Chlorophyll a – incorporates output from action 13 – Life Supporting Capacity criteria	TAG AL/JB/DH/CM	Ongoing	- Initial table presented to RPSC 17th of September - Table to be expanded to include MfE/MoH contact and wild guidelines - Tables to be populated as effects study and treatment study advance - Tables are a key communication tool with RPSC and more latterly consultation and AEE - Additional information requested by RPSC at 19th March meeting – refer to Q&A Group B question one this – TAG Action needed as to who co-ordinates	New Action now required

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15. Cultural Health Indexing (CHI) – TAG to discuss how this may be meshed – subject to cultural input on what may be required – with actions 13 and 14 - Life Supporting Capacity criteria	TAG	Ongoing	- This was raised at the RPSC 12/08 meeting. Agreement to try and match this with environment quality – action 14 above – requires lwi input and lead 12/9 TAG discussed refer to minutes - Included in slide to RPSC 17/09 - Cultural Assessment Community to further advise TAG on approach (or not) to CHI – a consideration for future resource consent conditions and more immediately the effects studies especially Waikato Uni	On hold. Awaiting any advice from Cultural Impact Sub-Committee (CIS)
16. Wastewater inputs management – as per an overall Wastewater Strategy development – refer TAG core short listed options graphic	TAG – Eric Crawley (RDC)	Ongoing	- To consider Eric presenting to RPSC in November? See Warren - Ongoing development for Wastewater Action Item 17	Completed 11/11/14 RPSC
17. Development of Wastewater Strategy to underpin consent application(s) – refer to TAG core short listed options graphic	TAG/RDC/ RPSC	Ongoing	Ongoing development of Strategy to identify items also needed to underpin consent application(s) e.g. RDC suggested conditions as well as strategy itself	
18. Chair WW. Technical deliberations dated 20th August – email attached, please note TAG feedback required ASAP and before Warren's subcommittee meeting in next 7 – 10 days. Updated WW output sent to JB 2nd September – Attached to the email sent with this updated Action List	TAG/DH/CM/A B	Discussed TAG 12/09	WW's questions relate to Wetlands, now Action Item 21 discharges Kaituna. DH question 2 – GM for question 1 – GM - but action 7 will provide some of the answer	Initial answers prepared by DC and JB presented at RPSC 17/09 Completed late 2014
19. Relevant Planning Instruments for future consenting and status of existing WWTP consents	TAG/AL?	Ongoing	- Identify at what stage do we need a planning instrument assessment and who would do it? - TAG to further consider	

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20. Legal Input/advice	GM/TAG	Ongoing	- Identify – Seek advice of legal input on RMA process at appropriate time - Note importance of recent WWTP consent conditions RMA Case - TAG/RLC to further consider	
21. Wetlands Question – WW's and Deputy Mayor Dave Donaldson's Questions	GM	Ongoing	- Question of Airport extension consent and wetlands and any opportunity to combine WWTP option with this – need Wastewater Consultant Report (Action Item 7) output - GM to provide details ASAP - JB question to GM about floating wetlands near our two water outfall?	
22. Deloitte Nitrogen Trading cost estimating for BOPRC.	AB	Ongoing	- AB to Inform next TAG and determine relevance to RPSC Project - AB to further update if of relevance included as TAG Agenda Item 11 8th April 2015	
23. KM questions for 12/09 Agenda, KM email 05/09 JB reply 08/09	KM/GM/JB/DH	12/09 TAG	- Re: Previous contamination Sulphur Points etc. 12/9. TAG discussed dredging and contaminated sites as raised by iwi reps and KM. It's a matter for the RPSC not TAG, unless the Sulphur Point site was to be a discharge location. - Refer to TAG minutes 12/09/14	Matter addressed unless new information/o r options assessment raises additional matters
24. Overall Project Programme and linking to RPSC and TAG activities/actions	GM/JB	Ongoing	- GM drives program as Project manager and needs to mesh with Warren re: RPSC activities and JB Re TAG - Refer to JB email to TAG 10/10 using GM's latest	

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				programme to the end of 2014 • Agenda Item 13 8 th April 2015 TAG Meeting – refer attachment to that Agenda	
25. There are 2 things missing that Greg will include and discuss with MM Engineered-type wetlands (longer retention time) and diffusers. We also need to include floating wetland, eg 'in' the lake.	GM to MM TAG to RPSC	To Action	• Check GM has Actioned with MM • RPSC not favouring Wetlands	Matter initially answered but will be furthered considered in final option selection	Completed 07/10
26. CMB put together a very useful spreadsheet that combines the treatment options with discharge options to give effluent quality. AL and CMB to check current version and send to MM	CMB/AL	Action and Ongoing	• AL updated and sent to MM on 7/10		
27. GM will sort engaging DH for the effects study with BPORC	GM		• Effects study in progress Waikato University engagement. Update included as Item 9 at TAG 8th April 2015.	To be deleted as now in key Waikato Uni Effects study Action item 8	
28. GM to find out what size wetland is required to supplement the remaining requirement for wetlands in lieu of the airport substitution requirement.	GM			To be deleted as now included in Action 21	
29. DH write a scope to submit to GM and run past TAG. First DH will provide a keypoint slide on the his proposal for the 'effects' study for the Steering Committee next week and seek any feedback from them.	GM/DH		• Slide provided to RPSC 17/09/14 • Effects study in progress Waikato University engagement. Update included as Item 9 at TAG 8th April 2015.	To be deleted as now included in Action 21	

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30. RPSC requests for 3 ? reports that the Regional Council hold namely, Sulphur Point contaminated land? Dredging, of Silt in lake? and Birds?	AB to JB	ASAP	- AB to advise how these can be obtained - JB to further check RPSC minutes as to precise topics and further advise AB if possible	Completed and made available to RPSC
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