

Report to the Collaborative Stakeholder Group – for Decision

File No: 23 10 05 CS/03
Date: 25 May 2015
To: Collaborative Stakeholder Group
From: CSG Chairperson – Bill Wasley
Subject: Redrafted Scenarios for CSG12
Section: Scenarios

1 Purpose

The purpose of this report is to provide information back to the Collaborative Stakeholder Group (CSG) regarding feedback received from TLG river iwi staff and Waikato River Authority (WRA) on the CSG's draft scenarios and workshopping at CSG11, and to provide a new draft of suggested scenarios for the CSG to consider and confirm at CSG12.

Recommendations:

1. That the cover report "Redrafted Scenarios for CSG12" (Doc #3411246) dated 25 May 2015) be received for information.
2. That the Collaborative Stakeholder Group consider the redrafted scenarios and confirm the final suite of scenarios for the first round of modelling.

2 Feedback on scenarios

The CSG considered a first draft suite of scenarios at CSG11 and provided feedback in a workshopping session (with some river iwi staff representatives). This suggested that scenarios 1 and 2 might be combined, that scenario 5 could be delayed until a future round of modelling, and that some variations on scenarios 3 and 4 could be useful (see workshop notes from CSG11). A set of 'redrafted scenarios' was produced following this session (DM# 3394108 – follows this report).

Further discussions were held on this basis with river iwi and WRA staff. From this discussion emerged the strong sense that an even more 'aspirational' scenario could be modelled, to allow river iwi to discuss this with iwi members. This may require further information to be gathered and mean this scenario is included in a later run of models.

The TLG also had further technical discussions on the redrafted scenarios and have produced a set of colour matrix charts similar to the current state chart for each scenario. They have also done an initial analysis on the 'gap' between current state and achieving the alternative scenarios. This information is being checked and will be presented to the CSG at CSG12.

3 Where to next

The CSG will be asked at CSG12 to consider the current set of 'redrafted scenarios' and confirm a set of scenarios for the first round of modelling.

4 Note on assumptions in redrafted scenarios

- The attribute set used and the bands reflect those in current use by the CSG.
- Where 'moving up a band' is specified, the assumption is that the water quality will be raised to the minimum point to go up to that band.
- The colour matrix sheets do not show 'improvement within a band'. However, to achieve the changes in bands will require a general trend of improvement so 'improvement within a band' is inherent in all the 'restore' scenarios.
- The colour matrix sheets are not based on a thorough analysis of interaction between attributes, i.e. whether the bands in the scenarios are consistent with each other across a range of attributes. This may lead to a slightly different suite of actual outcomes in the end. Where there is inconsistency, the modelling will assume that the 'end point' attribute must be met (e.g. clarity or chlorophyll), and then set other attribute bands to meet that (e.g. nutrients).

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Group