

Manuherehia Management Scenarios – summary of consultation

1 Introduction

Consultation on preferred water management regime began on 17 May 2021 and finished on 18 June 2021.

Community sessions were held over two days:

- 27 May 2021 - 1pm to 8pm drop-in session at Alexandra with presentations and Q&A from staff at 2pm and 6pm.
- 28 May 2021 – 1pm to 6pm drop-in session at Omakau with a presentation and Q&A from staff at 4pm.

Documents and studies available online during consultation are listed in **Table 1** below.

Table 1: Documents and studies available during consultation

Title	Uploaded	Downloads	Comment
Manuherehia Management Scenarios	17 May 25 May - updated 28 May - updated	282	First update was to fix a page alignment issue. Second update was to fix an incorrect chart.
Farm economics	17 May	71	
Farm economics 1200	17 May	72	This was an addendum to the first Abacus Bio report
Farm economics - catchment	18 May	68	
Regional economic modelling	17 May	60	
Habitat modelling	17 May	44	
Drift study	17 May	43	
Natural character assessment	17 May	33	
Recreation study	17 May	35	
Climate change assessment	17 May	32	
Water quality baseline and trends	17 May	36	
Hydrology Model - calibration	25 May	34	Hydrology memos were not available until this date and even then, were in draft
Hydrology Model - ecology	25 May	33	
Hydrology Model – scenarios	28 May	40	
Flow images	31 May	72	

Note: the number of downloads can include multiple downloads from the same person and any downloads by staff.

People were able to respond in various formats. The main format was via an online survey which was also available in hard copy at the community consultation sessions. Appendix 1 is a copy of that form. The text fields in the survey form were not restricted in terms of length of text.

Responses not in the survey format were also emailed or posted to ORC Policy.

Another form available at the community consultations asked people for their thoughts about actions to address water quality. The responses from these forms were added to the analysis. Where people submitted the survey and water quality form together, these were added as one submission.

2 Results

There were 1089 submission made in total. A breakdown of these is listed in **Table 2**.

Table 2: Number of responses by source

Source	Number	Comment
Online survey	1007	Note: there were a total of 1032 submissions online, but empty or duplicate submissions were removed or merged where it was obvious it was the same person, or the person indicated they had emailed a written submission also.
Community session forms	33	
Emailed and posted forms	9	
Emails and letters (no form)	40	
	1089	TOTAL

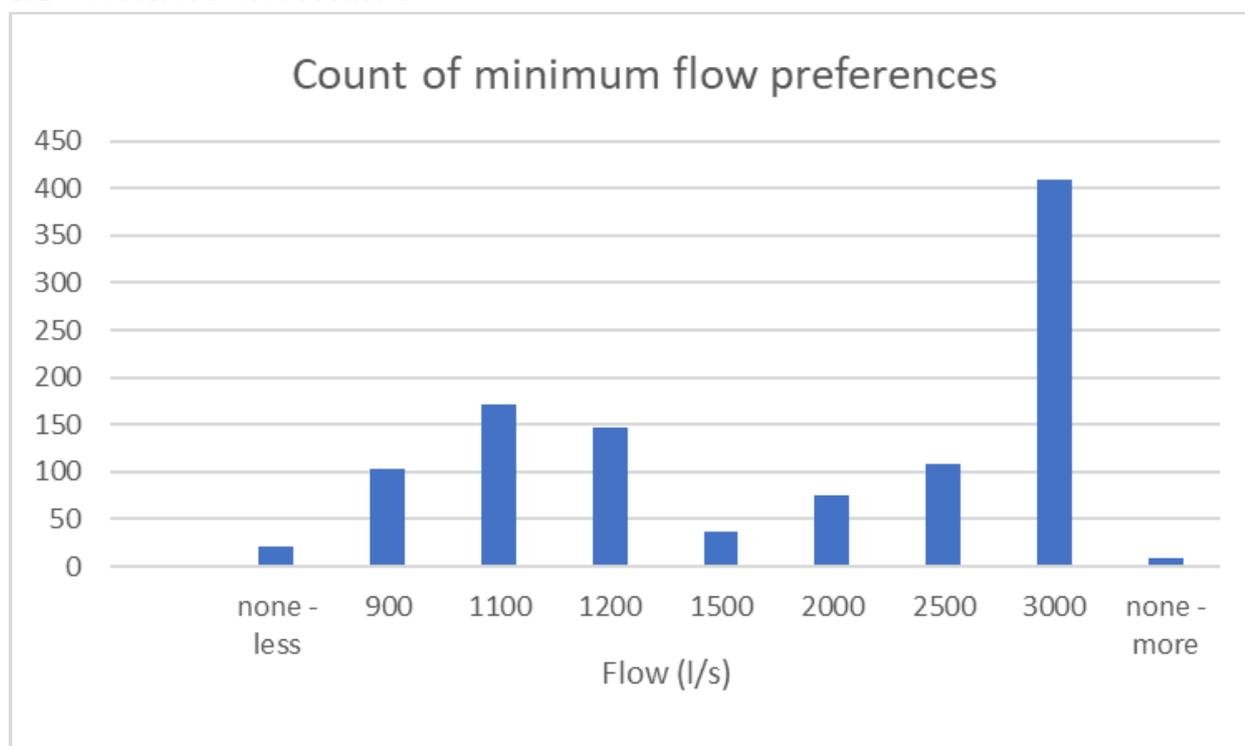
All submissions, with any personal information redacted, are included in Appendix 2.

3 Analysis of Submissions

All submissions were downloaded into a spreadsheet to enable counting and charts of key statistics to be made. Below are these statistics.

Please note: the information below is not intended to be used as a “voting” system. All due care has been taken in creating these charts, but the exact numbers have not been scrutinised. The information provided in the submissions has been tallied only to indicate a general sentiment from the community about the scenarios.

3.1 Preferred flow scenario

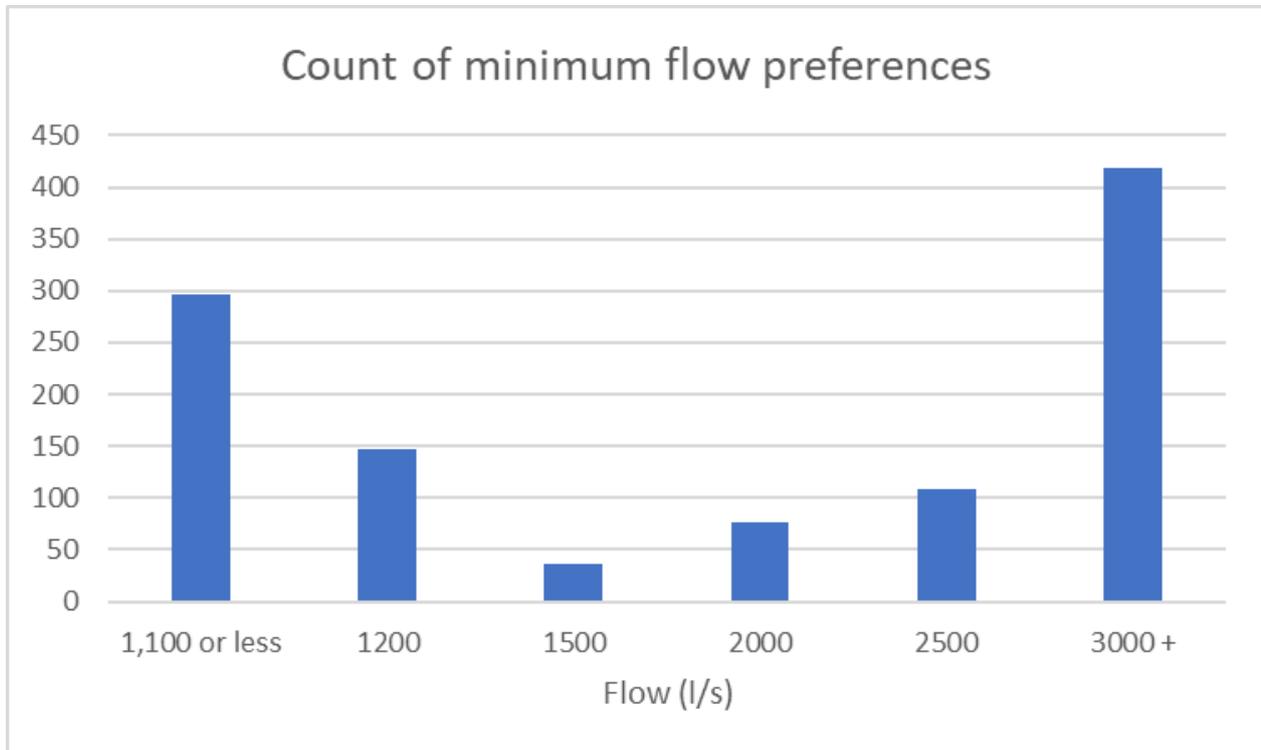


Question 2 asked if they didn't prefer any scenario why not. Many people used this question to indicate they did not like any of the scenarios and provide an alternate preference. These alternate preferences (mostly status quo and 1,100 l/s) were included in the flow chart above. Where submissions indicated a preference for the 'status quo' this was added as 900 l/s.

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Where submitters indicated they didn't like any scenarios as they were all too high the category "none – less" was used. The category of 'none – more' was used for submissions that indicated the scenarios were too low.

The below chart is the same tally with all preferences 1,100 l/s and below grouped together and 3,000 l/s and above grouped together.

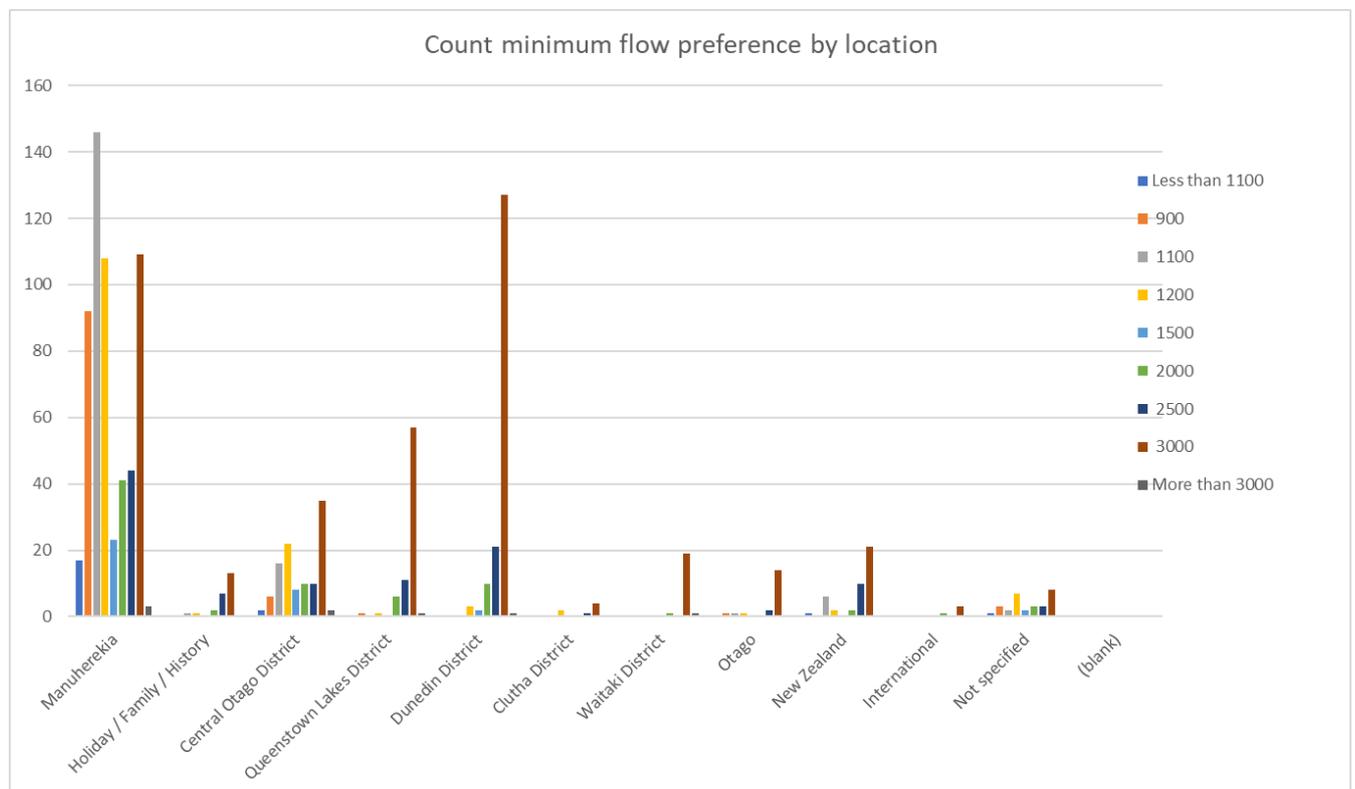


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3.2 Scenario preference by location

The community was also asked to provide where they live but it was not mandatory. Not all submitters provided this information and those that did were not constrained in how they expressed it (i.e. people could enter whatever they liked). This field was standardised for the purposes of analysis in the following way:

- Any location within the Manuherekia catchment was labelled “Manuherekia”
- Several submitters identified that their connection to the Manuherekia was through having lived or grown up there, still have family there and/ or holidaying in the catchment. This group was labelled “Holiday / Family / History”.
- Other locations were grouped into the five Otago district council areas
- Some submitters or organisations identified as being Otago based so a region group was used
- Anyone outside Otago was grouped by “New Zealand” or “International”
- The remainder were “not specified”.



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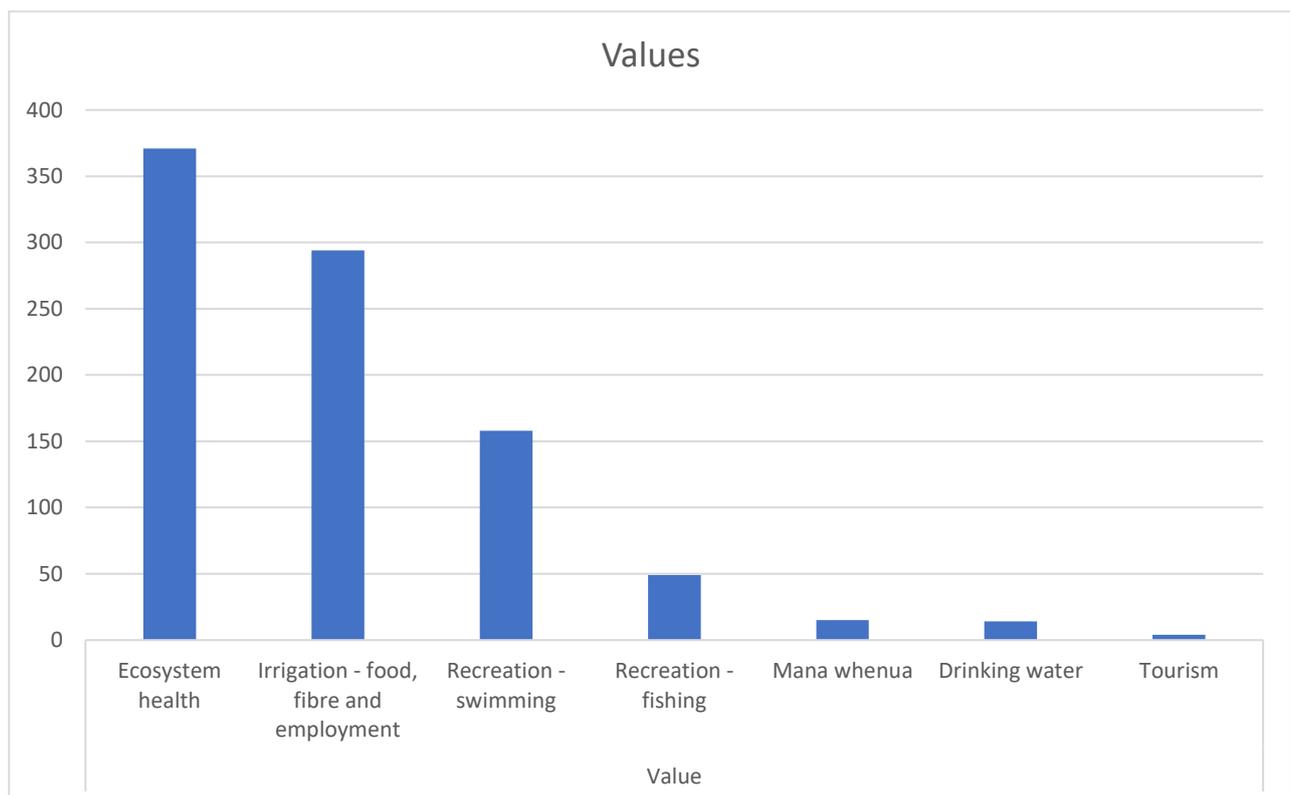
3.3 Comments analysis

All submissions were read, and comments made were tagged with a summary note as each one was reviewed. These summary notes were refined over the process into key comments / sentiments. These comments were then grouped into categories of:

- Values – were the submission identified a particular value as per the NPSFM values (ecosystem health, irrigation, swimming, fishing, mana whenua, etc)
- Issues – issues of concern raised which were relevant to the scenarios and what may or may not happen to the catchment should certain minimum flows be chosen.
- Actions – suggested interventions which could be used to address issues in the catchment regarding water quality or flow.
- Process – these were comments about the consultation process or information provided.

Values

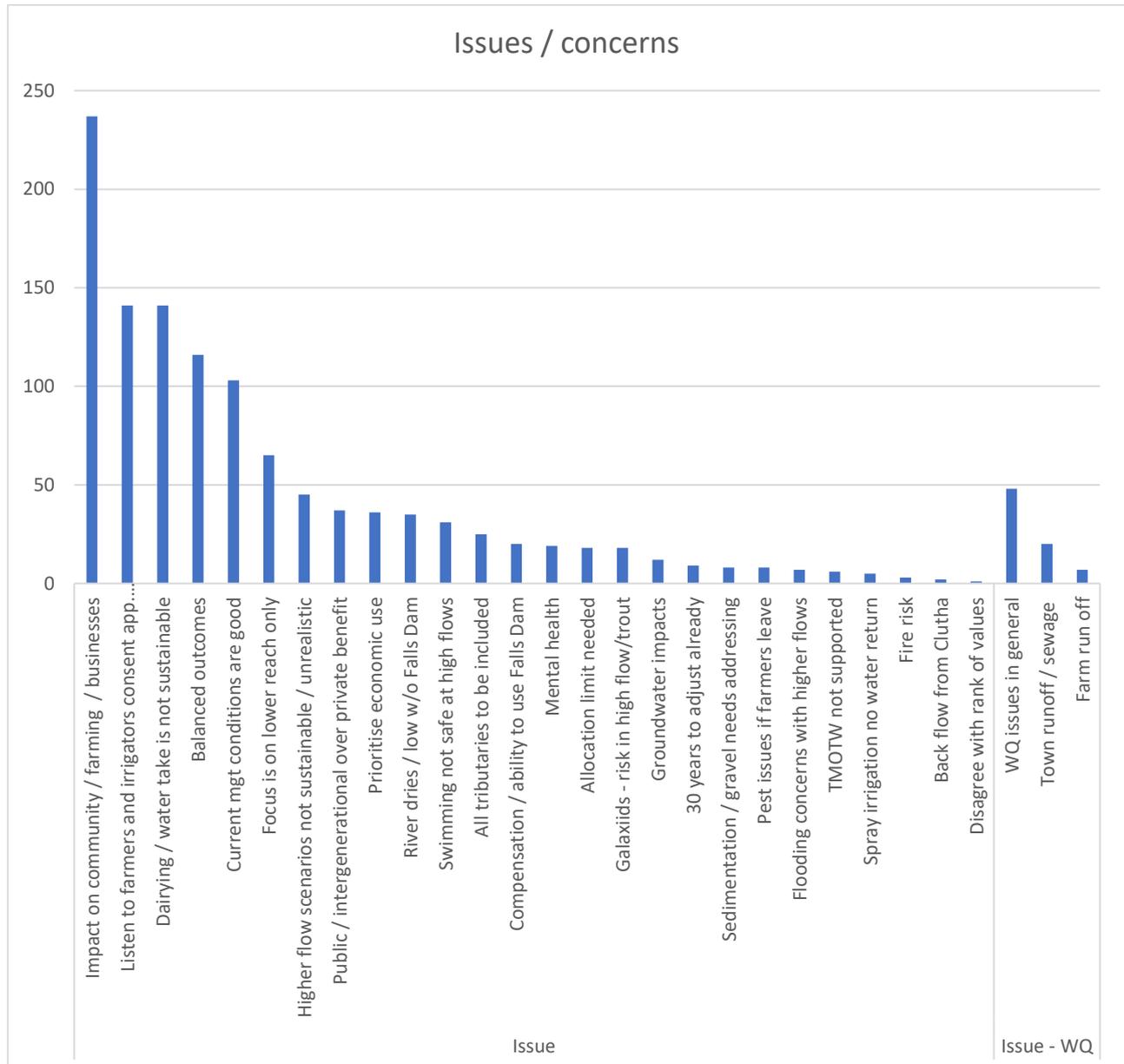
The consultation process did not ask people to specifically identify values, but many did indicate what was important to them in the explanation of why they chose a particular minimum flow scenario (or other minimum flow). The chart below does not mean these are the only values important to people.



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Issues

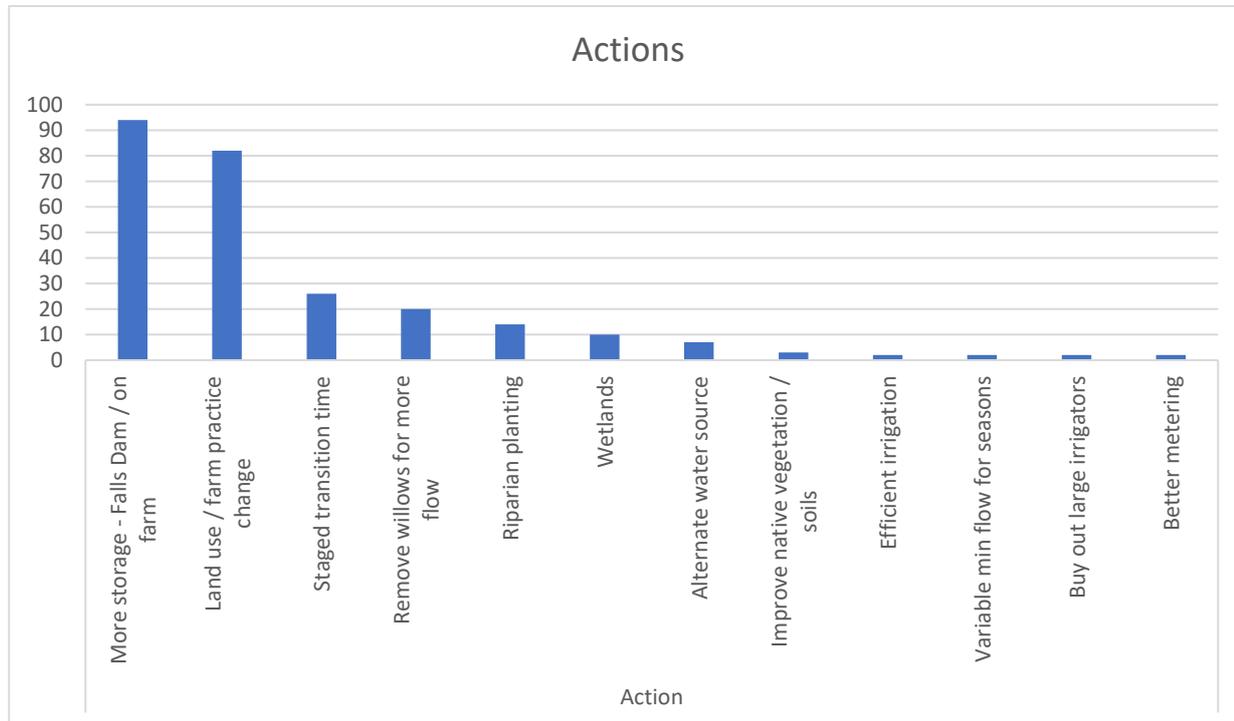
Again, people were not specifically asked to identify issues or concerns, but these were provided in the text for why the flow scenario was chosen or any other comments on water management. These have been grouped where similar concerns were raised. The wording of these issues or concerns is not a direct reflection of words used by submitters, but rather a broad categorisation which may be useful in highlighting key issues.



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Actions

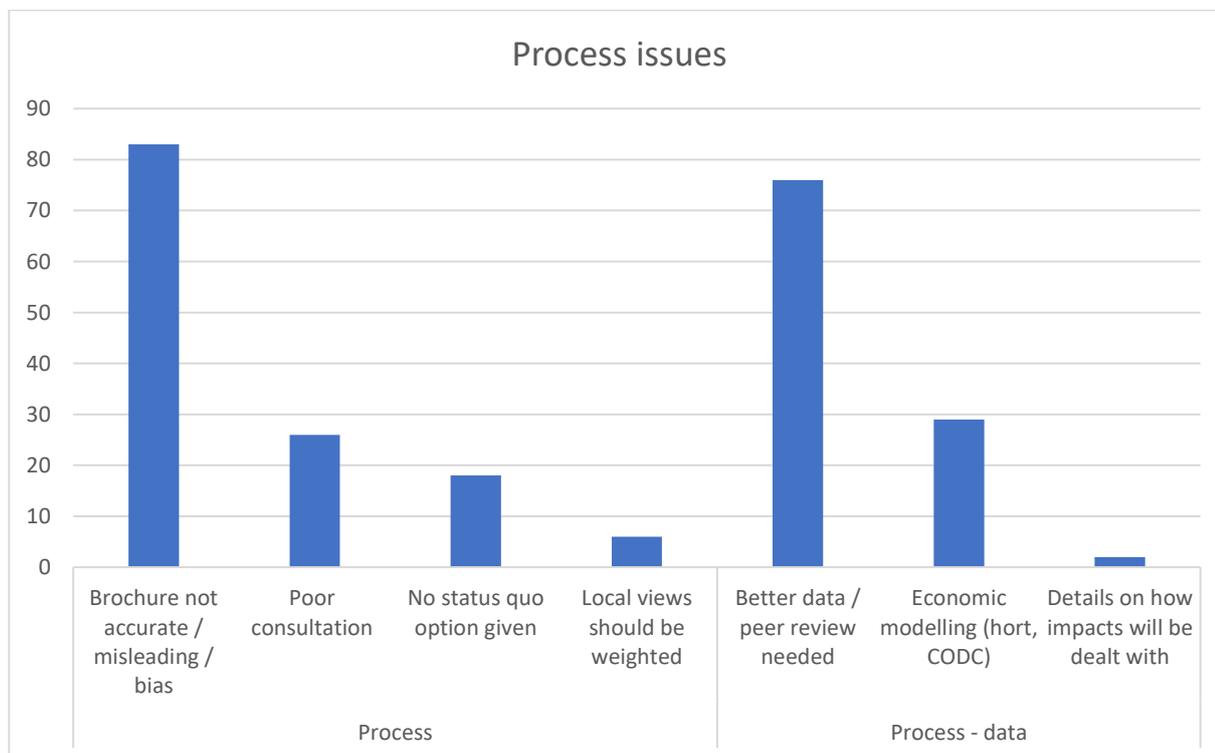
Many submissions included suggestions for interventions to mitigate water flow or quality issues. These were grouped into several categories and are shown in the chart below.



Process

There were many comments about the process and information provided for the consultation.

These comments are grouped into the categories shown in the chart below.



4 Addressing the submissions

The information provided in each submission will be used to inform the ORC staff recommendation on the regulatory water regime and the freshwater action plans for the Manuherehia rohe (catchment).

The recommendation to Council by staff will include a section that addresses key community concerns and how these have been incorporated or if not fully incorporated why not.

However, ORC will not be responding directly to each submission.

The submissions and the summary report will also be provided to the Manuherehia Reference Group to help inform their recommendation to Council on regulatory water regime for the Manuherehia.

In addition, the summary report, and each submission (with any personal information redacted) will be available to the public.

Appendix 1

Manuherehia scenarios consultation

Which (if any) of the scenarios do you prefer?

- 1** **2** **3** **4** **5**

Why do you prefer this/these scenarios? Or if you don't like any, please say why not.

Do you have any other feedback on water management in the Manuherehia Rohe?

How did you hear about this drop-in session?

(please tick all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Brochure in your letterbox | <input type="checkbox"/> Media release/news story |
| <input type="checkbox"/> On-Stream newsletter | <input type="checkbox"/> Radio advert |
| <input type="checkbox"/> Newspaper advert (please circle which) | <input type="checkbox"/> ORC website |
| ODT Central Otago News | <input type="checkbox"/> Good Water in Otago website |
| <input type="checkbox"/> Digital advert on ODT website | <input type="checkbox"/> Email invitation from ORC |
| <input type="checkbox"/> Digital advert on NZ Herald website | <input type="checkbox"/> From your ORC councillor |

Pease tell us a bit about yourself

Area/town you live in _____

Occupation _____

Gender _____ Age _____

Ethnicity _____