

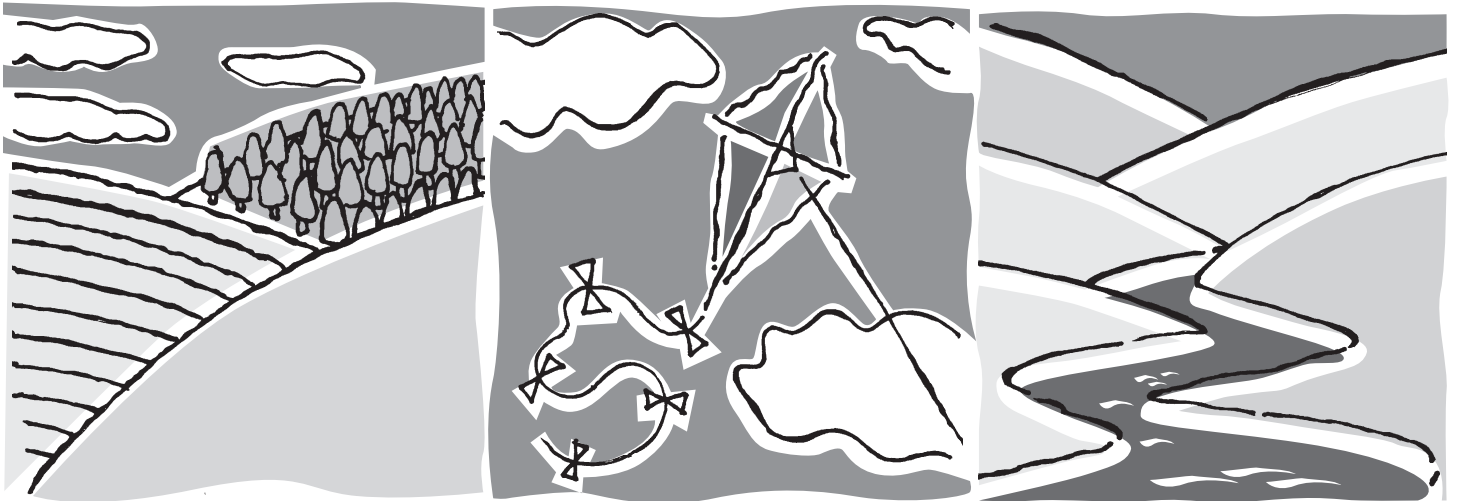
# Summary of Decisions Requested

On Variation 2  
Proposed Canterbury Natural  
Resources Regional Plan

## Chapter 5: Water Quantity, Schedule WQN9 and related amendments

29 April 2006

Open for further submissions  
until 29 May 2006



**NOTE:** This is a summary of the decisions requested by submitters. Anyone making further submissions should refer to a copy of the original submissions rather than relying solely on the summary of decisions requested.

A number of submissions did not adhere to the legal requirements of Form 3 (as set out in the submission form) and did not provide the information specified. Pursuant to Section 37 of the Resource Management Act 1991, the Council contacted submitters and sought clarification of incomplete submissions. Where clarification information has not been received, Environment Canterbury staff have interpreted these submissions to the best of their ability, to identify the decision being sought.

This Summary of Decisions Requested contains the full list of **Submitters and Addresses for Service** and the full **Location reference of Submission by Submitter** list.

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# GUIDELINES ON HOW TO USE THIS DOCUMENT

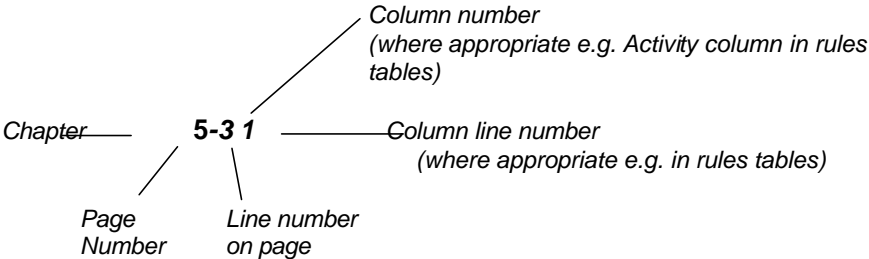
This document contains a Summary of Decisions Requested (SODR) and its format is arranged on a provision-by-provision basis. A provision is a part of the Proposed Natural Resources Regional Plan (Proposed NRRP) that has been submitted on, such as an issue, objective, policy or schedule. Each provision in the SODR is identified by a location reference and a description of the provision, e.g.

### 5-3-1 Table WQN24

Under each provision there is a table made up of the location reference, the submitter's number and the submission point number, the submitter's name, and the summary of the decision requested by the submitter. The header at the top of each page provides the label for each column. An example is set out below:

<i>Location</i>	<i>Sub No/point</i>	<i>Submitter</i>	<i>Summary of Decision Requested</i>
<b>5-136 1 Rule WQN11 Taking or diverting of water from natural state water bodies – non-complying activity</b>			
5-136 1	586-922	Federated Farmers NZ Inc, Canterbury Provinces	Delete Rule WQN11.

The **location** reference consists of a chapter, page and line number and identifies the particular part of the Proposed NRRP that a submission point relates to. It is made up as follows:



*i.e. 5-3 1 refers to Table WQN24: Total seasonal demand to meet plant water requirements*

The **Sub No/point** is the submission number assigned to each submitter along with a submission point number for each decision requested by a submitter. The **Summary of Decision Requested** conveys what changes to the Proposed Plan, if any, that are being sought by the submitter.

All submissions made on a specific provision are grouped together under its location reference and the provision title e.g. 3- 5-3 1Table WQN24 and appear in numerical order.

To find the submission number for a specific submitter, refer to the list of **“Submitters and Addresses for Service”** at the beginning of this document.

To use the “**Location reference of Submission by Submitter**” index:

- First find the submitter number under the “*Submitters and Addresses for Service*” index;
- Locate the submitter’s number in the “**Location Reference Index**”
- The list of numbers next to the submitter number and name shows the specific location reference of each submission point that a submitter has made, e.g. 5-3 1

Excerpts in the SODR from Variation 2 of the Proposed NRRP are quoted in “*italics*”, and where new wording is sought by the submitter, they are also “underlined”. Note that deletions of any words or text are not always apparent, so comparisons with Variation 2 may be required.

### **Note**

A number of submissions are duplicates of other submissions or have expressed support for another submission. Where this has occurred, rather than repeating the full decision requested in the summary document, reference is made to just one submission that states the decision requested

# GUIDELINES FOR MAKING FURTHER SUBMISSIONS ON VARIATION 2 OF THE PROPOSED NATURAL RESOURCES REGIONAL PLAN FOR CANTERBURY

## INTRODUCTION

This is the second stage of the public submission process when everyone has the opportunity to **support** or **oppose** any points raised in the original submissions to Variation 2 of the Proposed Natural Resources Regional Plan (Proposed NRRP). These comments are called **further submissions**.

This document provides a summary of the decisions requested from the first stage of the submission process on the Proposed NRRP. All submitters have been given a submission number and each decision requested is assigned a submission point number. For example, the Department of Conservation is submitter number is 20. , and following this submitter number are submission point numbers for every decision they requested i.e., 20.1, 20.2, 20.3 and so on.

Each original submission has been summarised to identify the decisions requested. Each decision requested has been referenced to the appropriate provisions in Variation 2 and grouped by the submitter number in numerical order. The reference system used is by "Location". This location reference is made up of the chapter number, page number, line number and where appropriate, the column number. For example, 5-2 6 Introduction

Some decisions requested were of a very general nature and were not readily linked to a specific provision in Variation 2. These have been placed in the General comments section, 5-0 -0

A copy of the original submissions and a copy of the Proposed NRRP are available for viewing at all the locations in the public notice, including the major public libraries throughout Canterbury, the head offices of Christchurch City Council and all District Councils in the region, and at the Environment Canterbury offices in Timaru, Christchurch and Kaikoura.

Anyone is welcome to make further submissions to Variation 2. However, these can only be made in **support of or in opposition to points raised in the original submissions** and you must **provide reasons** for your support or opposition. **You are not able to raise any new points at this stage.**

## HOW TO FILL OUT THE FORM

A further submission form has been provided on the following page for your use. Please **use a separate copy of the form for each submitter** you wish to comment on. If you do not wish to use this form, please make sure that you follow the requirements of the submission form to provide the correct information.

The following guidelines are to assist you in making your further submission. They refer to each section of the form provided.

### Part A

Name and address, contact phone/fax numbers etc and signature are important to validate the further submission and enable the Council to contact you during the processing of submissions. Print clearly giving full details. Submissions without this information will not be processed.

### Part B

After all submissions and further submissions have been analysed, the Council will hold hearings to listen to submitters who wish to speak to their submission before it makes decisions. Tick the **first box** if you do not wish to speak at the hearings. Tick the **second**

**box** if you would like to speak to your submission at these hearings.

If other people have made similar submissions you may be invited by the Council to contribute to a joint presentation at the hearing. Tick the **third box** if you are happy to do this.

### **Part C**

Your further submission should be brief, concise and clearly referenced to the specific part(s) of the original submission you are supporting or opposing. Steps (1)-(4) below refer to each column of the form in Part C. Follow these steps for **each** further submission you are making. All points raised relating to a particular original submission can be listed on the same page (for example if you are commenting on a number of submission points from one submitter). However a separate copy of the form is required for each different original submission you make a further submission on.

#### **(1) The original submission my further submission relates to is:**

You must provide the name and address of the person or group making the original submission, together with the submission number that is clearly displayed on both the original submission and in the summary.

You may make a further submission on your own original submission if you feel that the Council's summary does not accurately/adequately cover the points you raised. To do this you would oppose the stated decision requested and seek to have it replaced with what you think it should be, however, you cannot raise any new points at this stage to extend your submission. You may also use the same form for any of your submission point(s) that you feel has been omitted in the summary document. However, you should not make a further submission supporting your own original submission as this adds nothing to the weight that will be given to your original submission. Also note that the Council will consider your complete submission, not just the summary, as part of the decision making process.

#### **(2) The particular part of the original submission I am referring to is:**

You can refer to either the entire original submission or to a particular point/s in the original submission. You may want to support some of the decisions requested and oppose others within the same original submission. Each decision requested must be itemised separately in columns (2), (3) and (4) for each decision requested raised.

To do this, quote the submitter number and point number. E.g. 17.2

#### **(3) In this column use **S** or **O** to indicate whether you are supporting or opposing the decision requested.**

#### **(4) State concisely your reasons for support or opposition:**

You must provide clear reasons why you wish to support or oppose a particular original submission. You must do this for every decision requested. You may not request any new amendments to the plan.

#### **Example:**

*"The rewording of Method XY will result in it being a less effective means of monitoring water quality. This method has already been tried unsuccessfully in XXXYZ and is unlikely to be any more effective in Canterbury."*

(Here the further submitter has used reasoning to justify their position in opposing the decision requested by the original submission which was to reword Method XY.)

### **Part D**

You are required under the Resource Management Act 1991 to send a copy of your further submission to the person or organisation whose original submission you have submitted on within five working days of sending the further submission to Environment Canterbury.

# FURTHER SUBMISSIONS ON VARIATION 2 OF THE PROPOSED NATURAL RESOURCES REGIONAL PLAN FOR CANTERBURY

**A**

Full Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Organisation: \_\_\_\_\_ Phone: \_\_\_\_\_

Postal Address: \_\_\_\_\_ Fax: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_


Postal address for service of person making submission  
(If different from above):

\_\_\_\_\_

\_\_\_\_\_

Signature: \_\_\_\_\_  
(Signature of person making further submission or person authorised to sign on behalf of person making the further submission)

Please note that all information contained in a further submission under the Resource Management Act 1991, including names and addresses for service, becomes public information.



**Form 6: Further Submissions on a Publicly Notified Variation of a Proposed Policy Statement or Regional Plan under Clause 8 of the First Schedule to the Resource Management Act 1991**

**B**  Tick this box if you **do not** wish to be heard in support of your further submission.

Tick this box if you **do** wish to be heard in support of your further submission; and

Tick this box if you would be prepared to consider presenting your further submission in a joint case with others making a similar submission at any hearing.

Return your further submissions by 5pm 29 May 2006 to:

Variation 2 Proposed Natural Resources Regional Plan  
Environment Canterbury  
Freepost 1201  
P O Box 345  
Christchurch

<b>C</b> (1) Name of person or group making original submission:	Postal Address of original submission:	Original Submission Number:

<b>C</b> (2) The part of the original submission I am referring to: <i>(Specify submitter number and submission point number e.g. 305.8)</i>	(3) Write support (S) or oppose (O):	(4) State concisely your reasons for supporting or opposing the original submission point/decision requested:

Continue over page as necessary



## Submitters and Addresses for Service

Sub	Submitter	Contact	Address
32	Amuri Plains Irrigation Co.	Peter R Mossman	186 St Leonards Road, CULVERDEN
15	Aqualinc Research Ltd	Ian McIndoe	PO Box 20 462, Bishopdale, CHRISTCHURCH
14	Canterbury Pastoral Ltd	Mark Peacocke	PO Box 166, R D 3, Te Kuiti
4	Crop and Food Research	Richard Martin	PO Box 4704, CHRISTCHURCH
20	Department of Conservation	Cheryl Colley	C/- Community Relations Manager, Department of Conservation, Private Bag 4715, CHRISTCHURCH
25	Dunstan Peaks Ltd	Rod Patterson	142 Glenstrae Road, Redcliffs, CHRISTCHURCH 8008
29	Federated Farmers of NZ Inc Canterbury Provinces	Lionel Hume	PO Box 414, ASHBURTON
18	Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough	JP Graybill	PO Box 150, TEMUKA
21	Horticulture NZ	Ken Robertson	PO Box 10 232, WELLINGTON
17	Hurunui Community Water Development Project Working Group	Chris Hansen	C/- Tonkin & Taylor Ltd, PO Box 2083, WELLINGTON
6	Irricon Consultants	Matthew Bubb	PO Box 584, ASHBURTON
7	Irrigation NZ Inc	Dr Terry Heiler	107 Bells Road, R D 1, CHRISTCHURCH
26	Landco Pastoral Holdings Ltd	Vicki Morrison	PO Box 106 249, Downtown, AUCKLAND
13	Mackenzie Irrigation Ltd	Kelvin Reid	C/- Goodman Steven Tavendale, 84 Gloucester Street, CHRISTCHURCH
16	Meridian Energy Ltd	Chris Thompson	PO Box 2454, CHRISTCHURCH
34	Mid Canterbury Irrigator User Forum	G Brown	C/- Brophy Knight & Partners, PO Box 314, ASHBURTON
11	North Bank Land Owners Group		C/- Peter Reid, Brunswick Downs, R D KUROW
24	North Bank Waiau Irrigation Group		C/- Donald Galletly, 669 River Road, Waiau, NORTH CANTERBURY
5	PPCS Ltd	G Keeley	PO Box 283, CHRISTCHURCH
33	Rangitata Diversion Race Management Ltd	R Turner	C/- TrustPower Ltd, Private Bag 12023, TAURANGA
35	Southern Forestry and Glenhaven Forestry Ltd	Owen Springfield	PO Box 8406, CHRISTCHURCH
12	Synlait Investments Ltd		C/- Andrew Barton, Te Pirita Road, R D 13, RAKAIA
28	Valetta Holdings and Valetta Farms	DTD Clark	Mayfield Valetta Road, R D 1, ASHBURTON
27	Waimakariri Irrigation Ltd		C/- Koller & Hassall Ltd, PO Box 556, RANGIORA
19	Williamson Holdings Ltd	Richard Peacocke	PO Box 5481, TAURANGA
8	Rakaia River Irrigators Society Inc		8 Roydon Drive, Templeton, CHRISTCHURCH
2	Ian C Bell		No 11 R D, RAKAIA
22	Jane Demeter		117 Champion Street, St Albans, CHRISTCHURCH
31	Francis J Gilbert		No 3 R D, LEESTON
1	Brian A Goddard		Greenpark, No 2 R D , CHRISTCHURCH
30	Lynley R Kingsbury		1574 Mainwaring Road, R D 11, RAKAIA
9	Peter and Jocelyn Kinney		R D 2, CULVERDEN
3	Grant M Mills		C/- Bowden Environmental, 176A Williams Street, KAIPOI
10	Ian R L Minson		36 Norwood Road, R D 5, CHRISTCHURCH
23	Maurice Newell		"Wansden", WAIU 8275

# Location reference of Submission by Submitter

SubID	Submitter	Location References
1	<b>Brian A Goddard</b>	5-2-30, 5-2-30, 5-2-70, 5-2-70, 5-2-140, 5-2-140, 5-3-10, 5-3-10, 5-3-2D1, 5-3-2D1, 5-3-2E1, 5-3-2E1, 5-4-10, 5-4-10, 5-4-120, 5-4-120, 5-4-210, 5-4-210, 5-4-250, 5-4-250, 5-4-310, 5-4-310, 5-4-320, 5-4-320, 5-4-330, 5-4-330, 5-4-350, 5-4-350, 5-6-10, 5-6
2	<b>Ian C Bell</b>	5-2-170, 5-4-70, 5-4-350
3	<b>Grant M Mills</b>	5-2-170, 5-4-70, 5-4-350
4	<b>Crop and Food Research</b>	5-0-00, 5-3-10, 5-3-10, 5-3-10, 5-3-10
5	<b>PPCS Ltd</b>	5-2-60, 5-8-50, 5-8-190, 5-8-320
6	<b>Irricon Consultants</b>	5-2-60, 5-3-10, 5-3-2B1, 5-3-2C1, 5-3-2D1, 5-3-2E1, 5-3-2F6, 5-4-70, 5-4-350, 5-8-40
7	<b>Irrigation NZ Inc</b>	5-0-00, 5-0-00, 5-3-10, 5-3-10, 5-3-10, 5-3-10, 5-4-380, 5-4-380
8	<b>Rakaia River Irrigators Society Inc</b>	5-2-30, 5-2-70, 5-2-140, 5-3-10, 5-3-2D1, 5-3-2E1, 5-4-10, 5-4-120, 5-4-310, 5-4-320, 5-4-330, 5-4-350, 5-6-10, 5-7-10, 5-8-70, 5-8-120, 5-8-230, 5-8-240, 5-8-270, 5-8-280, 5-8-340, 5-16-160
9	<b>Peter and Jocelyn Kinney</b>	5-2-30, 5-2-70, 5-2-140, 5-3-10, 5-3-2D1, 5-3-2E1, 5-4-10, 5-4-120, 5-4-210, 5-4-250, 5-4-310, 5-4-320, 5-4-330, 5-6-10, 5-7-10, 5-8-70, 5-8-120, 5-8-230, 5-8-240, 5-8-270, 5-8-280, 5-8-340
10	<b>Ian R L Minson</b>	5-2-30, 5-2-70, 5-2-140, 5-3-10, 5-3-2D1, 5-3-2E1, 5-4-10, 5-4-120, 5-4-210, 5-4-250, 5-4-310, 5-4-320, 5-4-320, 5-4-330, 5-4-350, 5-6-10, 5-7-10, 5-8-70, 5-8-120, 5-8-230, 5-8-240, 5-8-270, 5-8-280, 5-8-340, 5-16-160
11	<b>North Bank Land Owners Group</b>	5-2-30, 5-2-60, 5-2-70, 5-2-140, 5-3-10, 5-3-10, 5-3-2D1, 5-3-2E1, 5-4-10, 5-4-120, 5-4-210, 5-4-250, 5-4-300, 5-4-310, 5-4-320, 5-4-330, 5-4-350, 5-6-10, 5-7-10, 5-7-10, 5-8-70, 5-8-120, 5-8-230, 5-8-240, 5-8-270, 5-8-280, 5-8-340, 5-16-160
12	<b>Synlait Investments Ltd</b>	5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-3-10, 5-3-2D1, 5-3-2E1, 5-3-2F1, 5-4-300, 5-4-310, 5-4-320, 5-4-320, 5-4-330, 5-6-10, 5-8-60, 5-8-320
13	<b>Mackenzie Irrigation Ltd</b>	5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-3-10, 5-3-2D1, 5-3-2E1, 5-3-2F1, 5-4-300, 5-4-310, 5-4-320, 5-4-320, 5-4-330, 5-6-10, 5-8-60, 5-8-320
14	<b>Canterbury Pastoral Ltd</b>	5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-3-10, 5-3-2D1, 5-3-2E1, 5-3-2F1, 5-4-300, 5-4-310, 5-4-320, 5-4-320, 5-4-330, 5-6-10, 5-8-60, 5-8-320
15	<b>Aqualinc Research Ltd</b>	5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-3-10, 5-3-2D1, 5-3-2E1, 5-3-2F1, 5-4-300, 5-4-310, 5-4-320, 5-4-320, 5-4-330, 5-6-10, 5-8-60, 5-8-320
16	<b>Meridian Energy Ltd</b>	5-0-00, 5-0-00, 5-2-60, 5-3-10, 5-4-270, 5-4-330, 5-4-380, 5-6-10, 5-7-10, 5-8-50, 5-8-100, 5-8-220, 5-8-270, 5-8-320
17	<b>Hurunui Community Water Development Project Working Group</b>	5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-3-10, 5-3-10, 5-3-2D1, 5-3-2E1, 5-3-30, 5-4-250, 5-4-250, 5-4-310, 5-4-320, 5-4-330, 5-4-350, 5-6-10, 5-7-10, 5-8-50, 5-8-320
18	<b>Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough</b>	5-2-60, 5-3-10, 5-4-20, 5-4-70, 5-4-120, 5-4-210, 5-4-250, 5-4-270, 5-4-330, 5-4-380, 5-6-10, 5-7-10, 5-8-300
19	<b>Williamson Holdings Ltd</b>	5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-0-00, 5-3-10, 5-3-2D1, 5-3-2E1, 5-3-2F1, 5-4-300, 5-4-310, 5-4-320, 5-4-320, 5-4-330, 5-6-10, 5-8-60, 5-8-320
20	<b>Department of Conservation</b>	5-0-00, 5-2-60, 5-3-10, 5-4-20, 5-4-70, 5-4-120, 5-4-210, 5-4-250, 5-4-270, 5-4-330, 5-4-380, 5-8-300
21	<b>Horticulture NZ</b>	5-0-00, 5-0-00, 5-2-70, 5-2-120, 5-3-10, 5-3-10, 5-4-20, 5-4-70, 5-4-100, 5-4-110, 5-4-270, 5-4-270, 5-4-280, 5-4-300, 5-4-310, 5-4-320, 5-4-340, 5-4-350, 5-4-380, 5-8-70, 5-8-150, 5-8-340
22	<b>Jane Demeter</b>	5-0-00
23	<b>Maurice Newell</b>	5-2-30, 5-4-120, 5-4-310, 5-4-320

<b>SubID</b>	<b>Submitter</b>	<b>Location References</b>
24	<b>North Bank Waiiau Irrigation Group</b>	5-2-30, 5-2-70, 5-4-20, 5-4-330
25	<b>Dunstan Peaks Ltd</b>	5-0-00
26	<b>Landco Pastoral Holdings Ltd</b>	5-0-00, 5-2-90, 5-2-130, 5-8-60, 5-8-230, 5-8-300, 5-8-330
27	<b>Waimakariri Irrigation Ltd</b>	5-0-00
28	<b>Valetta Holdings and Valetta Farms Ltd</b>	5-2-30, 5-2-30
29	<b>Federated Farmers of NZ Inc Canterbury Provinces</b>	5-2-30, 5-2-70, 5-2-140, 5-3-10, 5-3-2D1, 5-3-2E1, 5-4-10, 5-4-120, 5-4-210, 5-4-250, 5-4-310, 5-4-320, 5-4-330, 5-4-350, 5-6-10, 5-7-10, 5-8-70, 5-8-120, 5-8-230, 5-8-240, 5-8-270, 5-8-280, 5-8-340, 5-16-160
30	<b>Lynley R Kingsbury</b>	5-3-2C1, 5-4-320, 5-6-10, 5-8-210
31	<b>Francis J Gilbert</b>	5-2-30, 5-2-70, 5-2-140, 5-3-10, 5-3-2D1, 5-3-2E1, 5-4-10, 5-4-120, 5-4-210, 5-4-250, 5-4-310, 5-4-320, 5-4-330, 5-4-350, 5-6-10, 5-7-10, 5-8-230, 5-8-240, 5-8-270, 5-8-280
32	<b>Amuri Plains Irrigation Co.</b>	5-2-30, 5-2-70, 5-2-140, 5-3-10, 5-3-2D1, 5-3-2E1, 5-4-10, 5-4-120, 5-4-210, 5-4-250, 5-4-310, 5-4-320, 5-4-330, 5-4-350, 5-6-10, 5-7-10, 5-8-70, 5-8-120, 5-8-230, 5-8-240, 5-8-270, 5-8-280, 5-8-340, 5-16-160
33	<b>Rangitata Diversion Race Management Ltd</b>	5-2-30
34	<b>Mid Canterbury Irrigator User Forum</b>	5-2-30
35	<b>Southern Forestry and Glenhaven Forestry Ltd</b>	5-0-00

**Summary of Decisions Requested: Variation 2 of the Proposed Canterbury NRRP  
CHAPTER 5: Water quantity, Schedule WQN9 and related amendments**

**5-0 0 General**

5-0 0	4-1	Crop and Food Research	Use a scientifically defensible method of calculating water requirements that can be applied to any water supply scenario. Use one of the methods based on potential evapotranspiration.
5-0 0	7-7	Irrigation NZ Inc	Retain the general notion of allocation limits but delete the overall approach to setting allocation limits and the methodology used.
5-0 0	7-8	Irrigation NZ Inc	Consider the following, for use in setting allocation limits: i) better understanding of the resource; ii) improving irrigation efficiency with incentives in cooperation with irrigators; iii) measurement and monitoring to manage and improve knowledge and understandings; iv) real time management of surface and groundwater resources on a season buy season basis; v) an allocation regime based on good science that is liberal in allocation and avoids excessive transaction and resource consent retrofits; vi) recognise that getting agreement and co-operation is the key to improvements; and vii) support for the establishment of a water market to ensure that economic efficiency is maximised.
5-0 0	12-10	Synlait Investments Ltd	Amend the effective allocation in Policy WQN14 to be based on the average annual net use.
5-0 0	12-11	Synlait Investments Ltd	Amend WQN9 so that it does not refer to differing land uses and to allocate all irrigation water on the basis of irrigating intensive pasture.
5-0 0	12-12	Synlait Investments Ltd	Amend Schedule WQN9 to impose conditions relating to efficient irrigation and irrigation scheduling, rather than imposing seasonal allocations on run of river abstraction.
5-0 0	12-14	Synlait Investments Ltd	Amend the approach taken to the management of water abstraction for irrigation so that it is based on a thorough understanding of the water resource being abstracted and determine the sustainable yield that resource can handle.
5-0 0	12-15	Synlait Investments Ltd	Amend the approach taken to the management of water abstraction for irrigation so that there are rules to encourage efficient water use.
5-0 0	12-16	Synlait Investments Ltd	Amend the approach to the management of water abstraction for irrigation so that it is based on accurate measurement of actual irrigation water use. ie. metering.
5-0 0	12-17	Synlait Investments Ltd	Amend Schedule WQN9 to have the management of water abstraction for irrigation based on the consideration of the supply reliability, to ensure that both existing irrigation systems and future irrigation development meets irrigation needs.
5-0 0	12-19	Synlait Investments Ltd	Amend Policy WQN14 to impose conditions relating to efficient irrigation and irrigation scheduling, rather than imposing seasonal allocations on run of river abstraction.
5-0 0	13-10	Mackenzie Irrigation Ltd	See submission point 12.10.
5-0 0	13-11	Mackenzie Irrigation Ltd	See submission point 12.11.
5-0 0	13-12	Mackenzie Irrigation Ltd	See submission point 12.12.
5-0 0	13-14	Mackenzie Irrigation Ltd	See submission point 12.14.

<b>Location</b>	<b>Sub No/point</b>	<b>Submitter</b>	<b>Summary of decision requested</b>
5-0 0	13-15	Mackenzie Irrigation Ltd	See submission point 12.15.
5-0 0	13-16	Mackenzie Irrigation Ltd	See submission point 12.16.
5-0 0	13-17	Mackenzie Irrigation Ltd	See submission point 12.17.
5-0 0	13-19	Mackenzie Irrigation Ltd	See submission point 12.19.
5-0 0	14-10	Canterbury Pastoral Ltd	See submission point 12.10.
5-0 0	14-11	Canterbury Pastoral Ltd	See submission point 12.11.
5-0 0	14-12	Canterbury Pastoral Ltd	See submission point 12.12.
5-0 0	14-14	Canterbury Pastoral Ltd	See submission point 12.14.
5-0 0	14-15	Canterbury Pastoral Ltd	See submission point 12.15.
5-0 0	14-16	Canterbury Pastoral Ltd	See submission point 12.16.
5-0 0	14-17	Canterbury Pastoral Ltd	See submission point 12.17.
5-0 0	14-19	Canterbury Pastoral Ltd	See submission point 12.19.
5-0 0	15-10	Aqualinc Research Ltd	See submission point 12.10.
5-0 0	15-11	Aqualinc Research Ltd	See submission point 12.11.
5-0 0	15-12	Aqualinc Research Ltd	See submission point 12.12.
5-0 0	15-14	Aqualinc Research Ltd	See submission point 12.14.
5-0 0	15-15	Aqualinc Research Ltd	See submission point 12.15.
5-0 0	15-16	Aqualinc Research Ltd	See submission point 12.16.
5-0 0	15-17	Aqualinc Research Ltd	See submission point 12.17.
5-0 0	15-19	Aqualinc Research Ltd	See submission point 12.19.
5-0 0	16-1	Meridian Energy Ltd	Retain the provisions of Variation 2, except for the alternative relief sought in submission points 16.2 to 16.14.
5-0 0	16-2	Meridian Energy Ltd	Ensure that there are provisions in place that will ensure effective real time measuring, monitoring and recording of the actual use of water resources including groundwater, region wide. Have systems in place that ensure that irrigators are aware of approaching their annual allocation limits.
5-0 0	17-1	Hurunui Community Water Development Project Working Group	Retain the approach that Schedule WQN9 does not affect large irrigation schemes.
5-0 0	17-2	Hurunui Community Water Development Project Working Group	Amend the seasonal allocation limit approach have the management of water abstraction for irrigation based on a thorough understanding of the water resource being abstracted and determine the sustainable yield that resource can handle.
5-0 0	17-3	Hurunui Community Water Development Project Working Group	Amend the approach taken to the management of water abstraction for irrigation to have rules to encourage efficient water use.
5-0 0	17-4	Hurunui Community Water Development Project Working Group	Amend the approach taken to the management of water abstraction for irrigation to have accurate measurement of actual irrigation water use. ie. metering.
5-0 0	17-5	Hurunui Community Water Development Project Working	Amend the approach to have the management of water abstraction for irrigation based on the consideration of the supply reliability to ensure that both existing irrigation systems and future

<b>Location</b>	<b>Sub No/point</b>	<b>Submitter</b>	<b>Summary of decision requested</b>
		Group	irrigation development meets irrigation needs.
5-0 0	17-21	Hurunui Community Water Development Project Working Group	Amend Policy WQN14 to provide that the effective allocation is based on 50% of the seasonal allocation limits.
5-0 0	17-22	Hurunui Community Water Development Project Working Group	Amend WQN9 to allocate all irrigation water on the basis of irrigating intensive pasture rather than differing land uses.
5-0 0	17-23	Hurunui Community Water Development Project Working Group	Amend Schedule WQN9 by adopting alternative methods to manage run of river abstractions, such as imposing conditions on consents relating to irrigation efficiency and irrigation scheduling, rather than imposing seasonal allocation limit.
5-0 0	17-24	Hurunui Community Water Development Project Working Group	Amend Policy WQN14 by adopting alternative methods to manage run of river abstractions, such as imposing conditions on consents relating to irrigation efficiency and irrigation scheduling, rather than imposing seasonal allocation limit.
5-0 0	19-10	Williamson Holdings Ltd	See submission point 12.10.
5-0 0	19-11	Williamson Holdings Ltd	See submission point 12.11.
5-0 0	19-12	Williamson Holdings Ltd	See submission point 12.12.
5-0 0	19-14	Williamson Holdings Ltd	See submission point 12.14.
5-0 0	19-15	Williamson Holdings Ltd	See submission point 12.15.
5-0 0	19-16	Williamson Holdings Ltd	See submission point 12.16.
5-0 0	19-17	Williamson Holdings Ltd	See submission point 12.17.
5-0 0	19-19	Williamson Holdings Ltd	See submission point 12.19.
5-0 0	20-1	Department of Conservation	Retain the wording of the Variation but make amendments elsewhere. (See submission points 20.2 to 20.13)
5-0 0	21-1	Horticulture NZ	Withdraw Variation 2 and develop methodology in consultation with user groups who fall outside the parameters for Table WQN24. Provide greater clarity and guidance as to how the applications will be assessed. Make amendments elsewhere (see submission points 21.2 to 21.21) and re-notify Variation 2.
5-0 0	21-22	Horticulture NZ	Amend Policy WQN14(7)(a) to include a reliability of supply to 9 years out of 10.
5-0 0	22-1	Jane Demeter	<ul style="list-style-type: none"> <li>- Revise the Draft Staff Report on Hurunui River and Tributaries Proposed Flow and Allocation Management Regime to include measures that support water quality improvement.</li> <li>- Set strict guidelines and enforce measurable contamination guidelines.</li> <li>- Acknowledge that the lower Hurunui is a source of drinking water for which quality standards are so poor.</li> <li>- Add at the end of 24.1 Conclusions of the review 2 to read: "<u>....March to August to less than 20cumecs all year</u>".</li> <li>- Add to 24.1 Conclusions of the review 3 to read: "<u>Environment Canterbury will put in place a timely quarterly procedure to report progress on the 60 month quality improvement process.</u>"</li> <li>- Reword Conclusion 1 to read "<u>All consent holders should be required to have flow meters and data</u></li> </ul>

<b>Location</b>	<b>Sub No/point</b>	<b>Submitter</b>	<b>Summary of decision requested</b>
			<i>loggers. ECan will investigate setup of a programme to assist small consent holders to participate in a low interest financing programme that spread the cost out over 5 years."</i> - Retain Conclusions 2 and 37.
5-0 0	25-1	Dunstan Peaks Ltd	Provide certainty and reduce additional costs for water users when renewing existing water consents and issuing new consents to different rivers and streams. Have a flexible trial period with the right of review if and when Variation 2 is implemented.
5-0 0	26-2	Landco Pastoral Holdings Ltd	Clarify the scope of and insert a definition for " <i>private surface or groundwater</i> " (as a consequence of the term inserted in paragraph 2 of the Introduction, as requested in submission point 26.2)
5-0 0	27-1	Waimakariri Irrigation Ltd	Ensure that Schedule WQN9 annual allocation limits are not applied to surface water takes.
5-0 0	35-1	Southern Forestry and Glenhaven Forestry Ltd	Delete Policy WQN6 and remove restrictions on forestry.

### **5-2 3 1.4.1 Schedule WQN9**

5-2 3	1-1	Brian A Goddard	See submission point 29.1.
5-2 3	1-23	Brian A Goddard	See submission point 10.1.
5-2 3	8-1	Rakaia River Irrigators Society Inc	See submission point 29.1.
5-2 3	9-1	Peter and Jocelyn Kinney	See submission point 29.1.
5-2 3	10-1	Ian R L Minson	See submission point 29.1.
5-2 3	11-5	North Bank Land Owners Group	See submission point 29.1.
5-2 3	23-1	Maurice Newell	Delete Schedule WQN9.
5-2 3	24-1	North Bank Waiau Irrigation Group	Delete Schedule WQN9.
5-2 3	28-1	Valetta Holdings and Valetta Farms Ltd	Delete Schedule WQN9 and the policy of implementing seasonal limits on irrigation consents.
5-2 3	28-2	Valetta Holdings and Valetta Farms Ltd	In the alternative, if the decision sought in submission point 28.1 is not accepted, the seasonal limit for irrigation should be the total evapotranspiration for the period of September to May irrespective of rainfall.
5-2 3	29-1	Federated Farmers of NZ Inc Canterbury Provinces	Delete Schedule WQN9.
5-2 3	31-1	Francis J Gilbert	See submission point 29.1.
5-2 3	32-1	Amuri Plains Irrigation Co.	See submission point 29.1.
5-2 3	33-1	Rangitata Diversion Race Management Ltd	Delete Schedule WQN9.
5-2 3	34-1	Mid Canterbury Irrigator User Forum	See submission point 33.1

**Location Sub No/point Submitter Summary of decision requested**

**5-2 6 Introduction**

5-2 6	5-1	PPCS Ltd	Insert a new sentence in the Introduction of 1.4.1 as follows: " <i><u>This schedule does not apply to wastes that are discharged to land under an authorised discharge permit.</u></i> "
5-2 6	6-1	Irricon Consultants	Remove differentiation between land uses in the Introduction.
5-2 6	11-1	North Bank Land Owners Group	Increase the standard for the Lower Waitaki area so that the discretionary status is not reached at the level currently set across the entire region.
5-2 6	16-3	Meridian Energy Ltd	Retain the Introduction in same or similar form.
5-2 6	18-1	Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough	Retain the wording of the introduction but amend the example consistent with the changes sought to Table WQN24. (see submission point 18.2)
5-2 6	20-2	Department of Conservation	Retain the wording of the Introduction but amend the example consistent with changes to Table WQN24 (see submission points 20.12, 20.13 and 20.14)
5-2 7	1-2	Brian A Goddard	See submission point 29.2.
5-2 7	1-24	Brian A Goddard	See submission point 10.2.
5-2 7	8-2	Rakaia River Irrigators Society Inc	See submission point 29.2.
5-2 7	9-2	Peter and Jocelyn Kinney	See submission point 29.2.
5-2 7	10-2	Ian R L Minson	See submission point 29.2.
5-2 7	11-6	North Bank Land Owners Group	See submission point 29.2.
5-2 7	21-2	Horticulture NZ	Amend paragraph 1 in the Introduction to state " <i><u>...for determining the irrigation demand standard for some land uses (intensive pasture and some arable) based on soil types and effective irrigation season rainfall. Other land uses will be provided for in a separate schedule.</u></i> "
5-2 7	24-2	North Bank Waiau Irrigation Group	Delete the determination of seasonal irrigation demand standards on the basis of land use and soil type from paragraph 1 of the Introduction.
5-2 7	29-2	Federated Farmers of NZ Inc Canterbury Provinces	Delete the determination of seasonal irrigation demand standards on the basis of land use and soil type from paragraph 1 of the Introduction.
5-2 7	31-2	Francis J Gilbert	See submission point 29.2.
5-2 7	32-2	Amuri Plains Irrigation Co.	See submission point 29.2.
5-2 9	26-1	Landco Pastoral Holdings Ltd	Amend the first sentence of the second paragraph of the Introduction to read as follows: " <i><u>(use of water from private surface or groundwater takes that only supply that property)</u></i> " or to like effect.
5-2 12	21-3	Horticulture NZ	Amend paragraph 3 of the Introduction to state: " <i><u>If the land use is not provided for in Table WQN24 or the annual requirements are in excess of the irrigation demand standard then the application will be assessed using Schedule XXX which sets out criteria to be considered in such applications, which will be assessed as a controlled activity.</u></i> "
5-2 13	26-3	Landco Pastoral Holdings Ltd	Amend paragraph three of the Introduction to read as follows: " <i><u>...the activity is provided for as a controlled/restricted discretionary activity (Rule WQN26).</u></i> " And make appropriate changes to Rule WQN26.
5-2 14	1-6	Brian A Goddard	See submission point 29.6

<b>Location</b>	<b>Sub No/point</b>	<b>Submitter</b>	<b>Summary of decision requested</b>
5-2 14	1-28	Brian A Goddard	See submission point 10.6
5-2 14	8-6	Rakaia River Irrigators Society Inc	See submission point 29.6
5-2 14	9-6	Peter and Jocelyn Kinney	See submission point 29.6
5-2 14	10-6	Ian R L Minson	See submission point 29.6
5-2 14	11-10	North Bank Land Owners Group	See submission point 29.6
5-2 14	29-6	Federated Farmers of NZ Inc Canterbury Provinces	Amend paragraph 3 of the Introduction, as follows: "...a <i>restricted discretionary activity</i> (Rule WQN26)."
5-2 14	31-6	Francis J Gilbert	See submission point 29.6
5-2 14	32-6	Amuri Plains Irrigation Co.	See submission point 29.6
5-2 17	2-1	Ian C Bell	Delete the reference to Land Use in Section 1.4.1(1).
5-2 17	3-1	Grant M Mills	See submission point 2.1.

### 5-3 1 Table WQN24: Total seasonal demand to meet plant water requirements

5-3 1	1-7	Brian A Goddard	See submission point 29.7.
5-3 1	1-29	Brian A Goddard	See submission point 10.7.
5-3 1	4-2	Crop and Food Research	Results of calculating water requirements presented in a revised Table WQN24 should clearly show the water requirements of arable and intensive pasture under the scenario or scenarios selected.
5-3 1	4-3	Crop and Food Research	Change the heading of Table WQN24 to remove plant water requirements, or remove the reference to soil type in Table WQN24.
5-3 1	4-4	Crop and Food Research	Delete the rainfall parameters and nominal irrigation season.
5-3 1	4-5	Crop and Food Research	Revise the nomenclature used in the calculations to reflect common agricultural usage.
5-3 1	6-7	Irricon Consultants	Reduce the margins between the shallow and deep soils in Table WQN24.
5-3 1	7-1	Irrigation NZ Inc	Delete Table WQN24 and replace with XXXXXX and correct the shortcomings in the methodology of setting peak rate and seasonal limits.
5-3 1	7-2	Irrigation NZ Inc	PET zones should be identified and used directly to justify different estimates of peak design demand. A map should be prepared showing such zones. Reference to PET as a function of soil types must be removed.
5-3 1	7-3	Irrigation NZ Inc	The standards in Table WQN24 should be based on pasture only and other mechanisms used to accommodate changes in land use over time.
5-3 1	7-6	Irrigation NZ Inc	
5-3 1	8-7	Rakaia River Irrigators Society Inc	See submission point 29.7.
5-3 1	9-7	Peter and Jocelyn Kinney	See submission point 29.7.
5-3 1	10-7	Ian R L Minson	See submission point 29.7.
5-3 1	11-2	North Bank Land Owners Group	Revise Table WQN24 for the Lower Waitaki, to reflect intensive pasture requirements and flexibility to accommodate extremes of climate, with a reliability of close to 100%.
5-3 1	11-11	North Bank Land Owners Group	See submission point 29.7.
5-3 1	12-1	Synlait Investments Ltd	Delete the arable land use category from Table WQN24 and allocate irrigation water on the basis of intensive pasture.

<b>Location</b>	<b>Sub No/point</b>	<b>Submitter</b>	<b>Summary of decision requested</b>
5-3 1	13-1	Mackenzie Irrigation Ltd	See submission point 12.1.
5-3 1	14-1	Canterbury Pastoral Ltd	See submission point 12.1.
5-3 1	15-1	Aqualinc Research Ltd	See submission point 12.1.
5-3 1	16-4	Meridian Energy Ltd	Retain Table WQN24 in same or similar form.
5-3 1	17-7	Hurunui Community Water Development Project Working Group	Amend Table WQN24 to allocate irrigation water on the basis of intensive pasture.
5-3 1	17-8	Hurunui Community Water Development Project Working Group	Undertake further scientific and monitoring work and use a water balance monitoring approach to determine the seasonal allocation limits, and amend Table WQN24 accordingly.
5-3 1	18-2	Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough	Reduce Table WQN24 to a single class irrespective of soil type and land use. Set "Peak" design demand to 4.5 - 5.5mm/day, system capacity to meet peak demand to 5.5-7.0 l/s/ha, and total seasonal volume to 650mm/year.
5-3 1	19-1	Williamson Holdings Ltd	See submission point 12.1.
5-3 1	20-12	Department of Conservation	Reduce Table WQN24 to a single class irrespective of soil type and land use. Set "Peak" design demand to 4.5 - 5.5mm/day, system capacity to meet peak demand to 5.5-7.0 l/s/ha, and total seasonal volume to 650mm/year.
5-3 1	21-4	Horticulture NZ	Amend the figures in Table WQN24 to reflect changes to parameters of "total seasonal demand" as sought by the submitter (see submission points 21.12, 21.13 and 21.14).
5-3 1	21-5	Horticulture NZ	Amend Table WQN24 to provide for other crops or provide in a separate schedule, factors for consideration where the crop does not fit the parameters of Table WQN24.
5-3 1	29-7	Federated Farmers of NZ Inc Canterbury Provinces	Delete Table WQN24.
5-3 1	31-7	Francis J Gilbert	See submission point 29.7.
5-3 1	32-7	Amuri Plains Irrigation Co.	See submission point 29.7.

#### **5-3 2B1 Table WQN24 - Soil type example**

5-3 2B1	6-2	Irricon Consultants	Delete the "soil type example" column of Table WQN24.
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#### **5-3 2C1 Table WQN24 - PAW Class (mm)**

5-3 2C1	6-3	Irricon Consultants	Consideration should be given to the use of a graph which would incorporate a graded line to determine seasonal demand, instead of the three steps in Table WQN24.
5-3 2C1	30-4	Lynley R Kingsbury	Amend to make the categories of Profile Available Water less restrictive.

#### **5-3 2D1 Table WQN24 - "Peak" design demand (mm/day)**

5-3 2D1	1-10	Brian A Goddard	See submission point 29.10.
5-3 2D1	1-32	Brian A Goddard	See submission point 10.10.

<b>Location</b>	<b>Sub No/point</b>	<b>Submitter</b>	<b>Summary of decision requested</b>
5-3 2D1	6-4	Irricon Consultants	Consider deleting the " <i>Peak design demand</i> " column in Table WQN24.
5-3 2D1	8-10	Rakaia River Irrigators Society Inc	See submission point 29.10.
5-3 2D1	9-10	Peter and Jocelyn Kinney	See submission point 29.10.
5-3 2D1	10-10	Ian R L Minson	See submission point 29.10.
5-3 2D1	11-14	North Bank Land Owners Group	See submission point 29.10.
5-3 2D1	12-3	Synlait Investments Ltd	Amend the Peak design demand of Table WQN24 to have a maximum system capacity of 0.8 l/s/ha, for all soil types.
5-3 2D1	13-3	Mackenzie Irrigation Ltd	See submission point 12.3.
5-3 2D1	14-3	Canterbury Pastoral Ltd	See submission point 12.3.
5-3 2D1	15-3	Aqualinc Research Ltd	See submission point 12.3.
5-3 2D1	17-9	Hurunui Community Water Development Project Working Group	Adopt a maximum system capacity of 0.8l/s/ha for all soil types, in the Peak design demand column in Table WQN24.
5-3 2D1	19-3	Williamson Holdings Ltd	See submission point 12.3.
5-3 2D1	29-10	Federated Farmers of NZ Inc Canterbury Provinces	Delete the column " <i>Peak design demand</i> ".
5-3 2D1	31-10	Francis J Gilbert	See submission point 29.10.
5-3 2D1	32-10	Amuri Plains Irrigation Co.	See submission point 29.10.

#### **5-3 2E1 Table WQN24 - System capacity to meet peak demand (l/s/ha)**

5-3 2E1	1-11	Brian A Goddard	See submission point 29.11.
5-3 2E1	1-33	Brian A Goddard	See submission point 10.11.
5-3 2E1	6-5	Irricon Consultants	Consider deleting the " <i>System capacity to meet peak demand</i> " column in Table WQN24.
5-3 2E1	8-11	Rakaia River Irrigators Society Inc	See submission point 29.11.
5-3 2E1	9-11	Peter and Jocelyn Kinney	See submission point 29.11.
5-3 2E1	10-11	Ian R L Minson	See submission point 29.11.
5-3 2E1	11-15	North Bank Land Owners Group	See submission point 29.11.
5-3 2E1	12-20	Synlait Investments Ltd	Amend the System capacity to meet peak demand column of Table WQN24 to have a maximum system capacity of 0.8 l/s/ha, for all soil types.
5-3 2E1	13-20	Mackenzie Irrigation Ltd	See submission point 12.20.
5-3 2E1	14-20	Canterbury Pastoral Ltd	See submission point 12.20.
5-3 2E1	15-20	Aqualinc Research Ltd	See submission point 12.20.
5-3 2E1	17-10	Hurunui Community Water Development Project Working Grp	Adopt a maximum system capacity of 0.8l/s/ha for all soil types, in the System capacity to meet peak demand column in Table WQN24.
5-3 2E1	19-20	Williamson Holdings Ltd	See submission point 12.20.
5-3 2E1	29-11	Federated Farmers of NZ Inc Canterbury Provinces	Delete the column " <i>System capacity to meet peak demand</i> ".
5-3 2E1	31-11	Francis J Gilbert	See submission point 29.11.

<b>Location</b>	<b>Sub No/point</b>	<b>Submitter</b>	<b>Summary of decision requested</b>
5-3 2E1	32-11	Amuri Plains Irrigation Co.	See submission point 29.11.

#### **5-3 2F1 Table WQN24 - Total seasonal demand (mm/ha/yr)**

5-3 2F1	12-2	Synlait Investments Ltd	Provide further scientific and monitoring work to determine the seasonal allocation limits that are required and recommend that a water balance modelling approach be taken, in the Total seasonal demand of Table WQN24.
5-3 2F1	13-2	Mackenzie Irrigation Ltd	See submission point 12.2.
5-3 2F1	14-2	Canterbury Pastoral Ltd	See submission point 12.2.
5-3 2F1	15-2	Aqualinc Research Ltd	See submission point 12.2.
5-3 2F1	19-2	Williamson Holdings Ltd	See submission point 12.2.
5-3 2F6	6-6	Irricon Consultants	Replace " <i>(mm/ha/yr)</i> " with " <i>(mm/yr)</i> " in the Total seasonal demand column of Table WQN24.

#### **5-3 3 Table WQN24 - Arable category**

5-3 3	17-6	Hurunui Community Water Development Project Working Group	Delete the arable land use category from Table WQN24
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#### **5-4 1 Land use categories used in the table:**

5-4 1	1-8	Brian A Goddard	See submission point 29.8.
5-4 1	1-30	Brian A Goddard	See submission point 10.8.
5-4 1	8-8	Rakaia River Irrigators Society Inc	See submission point 29.8.
5-4 1	9-8	Peter and Jocelyn Kinney	See submission point 29.8.
5-4 1	10-8	Ian R L Minson	See submission point 29.8.
5-4 1	11-12	North Bank Land Owners Group	See submission point 29.8.
5-4 1	29-8	Federated Farmers of NZ Inc Canterbury Provinces	Delete the section titled " <i>Land-use categories included in the table:</i> "
5-4 1	31-8	Francis J Gilbert	See submission point 29.8.
5-4 1	32-8	Amuri Plains Irrigation Co.	See submission point 29.8.



<b>Location</b>	<b>Sub No/point</b>	<b>Submitter</b>	<b>Summary of decision requested</b>
5-4 12	29-9	Federated Farmers of NZ Inc Canterbury Provinces	Delete the section titled " <i>Soil category</i> ".
5-4 12	31-9	Francis J Gilbert	See submission point 29.9.
5-4 12	32-9	Amuri Plains Irrigation Co.	See submission point 29.9.

#### **5-4 21 "Peak" design demand**

5-4 21	1-45	Brian A Goddard	See submission point 29.23.
5-4 21	1-47	Brian A Goddard	See submission point 10.23.
5-4 21	9-22	Peter and Jocelyn Kinney	See submission point 29.23.
5-4 21	10-23	Ian R L Minson	See submission point 29.23.
5-4 21	11-27	North Bank Land Owners Group	See submission point 29.23.
5-4 21	18-6	Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough	Retain the paragraph starting " <i>Peak design demand</i> ".
5-4 21	20-6	Department of Conservation	Retain the paragraph starting " <i>Peak design demand</i> ".
5-4 21	29-23	Federated Farmers of NZ Inc Canterbury Provinces	Delete the section titled " " <i>Peak design demand</i> ".
5-4 21	31-23	Francis J Gilbert	See submission point 29.23.
5-4 21	32-23	Amuri Plains Irrigation Co.	See submission point 29.23.

#### **5-4 25 System capacity to meet peak demand**

5-4 25	1-46	Brian A Goddard	See submission point 29.24.
5-4 25	1-48	Brian A Goddard	See submission point 10.24.
5-4 25	9-23	Peter and Jocelyn Kinney	See submission point 29.24.
5-4 25	10-24	Ian R L Minson	See submission point 29.24.
5-4 25	11-28	North Bank Land Owners Group	See submission point 29.24.
5-4 25	17-11	Hurunui Community Water Development Project Working Group	Amend the System capacity to meet peak demand by providing for an application efficiency of 80% for new irrigation developments only.
5-4 25	17-12	Hurunui Community Water Development Project Working Group	Amend the System capacity to meet peak demand by providing for current application efficiency for existing irrigation systems to be maintained and increased only where a higher efficiency is justified.
5-4 25	18-7	Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough	Retain the paragraph starting " <i>System capacity to meet peak demand</i> ".
5-4 25	20-7	Department of Conservation	Retain the paragraph starting " <i>System capacity to meet peak demand</i> ".
5-4 25	29-24	Federated Farmers of NZ Inc	Delete the section titled " <i>System capacity to meet peak demand</i> ".

<b>Location</b>	<b>Sub No/point</b>	<b>Submitter</b>	<b>Summary of decision requested</b>
		Canterbury Provinces	
5-4 25	31-24	Francis J Gilbert	See submission point 29.24.
5-4 25	32-24	Amuri Plains Irrigation Co.	See submission point 29.24.

#### **5-4 27 Total seasonal demand**

5-4 27	16-5	Meridian Energy Ltd	Retain the term " <i>total seasonal demand</i> " in same or similar form.
5-4 27	18-8	Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough	Retain the paragraph starting " <i>Total seasonal demand</i> ".
5-4 27	20-8	Department of Conservation	Retain the paragraph starting " <i>Total seasonal demand</i> ".
5-4 27	21-10	Horticulture NZ	Amend the title of the heading " <i>Total seasonal demand</i> " to " <i>Total demand</i> ".
5-4 27	21-15	Horticulture NZ	Include an additional method in the definition of <i>Total seasonal demand</i> to undertake, in conjunction with growers organisations, tests on efficiency of all systems used and work with users to promote the evaluation of irrigation system efficiency.
5-4 28	21-11	Horticulture NZ	Amend the end of the first sentence of the definition of " <i>Total seasonal demand</i> " to read "...needs during the year. This demand..."

#### **5-4 30 Total seasonal demand - first bullet point**

5-4 30	11-3	North Bank Land Owners Group	Amend the date to " <i>1 August to 30 May</i> " instead of " <i>1 October to 30 April</i> " for the nominal irrigation season, with an appropriate increase in allocation.
5-4 30	12-4	Synlait Investments Ltd	Amend the first bullet point of " <i>Total seasonal demand</i> " to apply an application efficiency of 80% to new irrigation developments. For existing irrigation systems, consideration should be given to the current application efficiency and whether a higher efficiency is justified.
5-4 30	13-4	Mackenzie Irrigation Ltd	See submission point 12.4.
5-4 30	14-4	Canterbury Pastoral Ltd	See submission point 12.4.
5-4 30	15-4	Aqualinc Research Ltd	See submission point 12.4.
5-4 30	19-4	Williamson Holdings Ltd	See submission point 12.4.
5-4 30	21-12	Horticulture NZ	Replace " <i>80%</i> " with " <i>65%</i> " in the definition of <i>Total seasonal demand</i> .

#### **5-4 31 Total seasonal demand - second bullet point**

5-4 31	1-12	Brian A Goddard	See submission point 29.12.
5-4 31	1-34	Brian A Goddard	See submission point 10.12.
5-4 31	8-12	Rakaia River Irrigators Society Inc	See submission point 29.12.
5-4 31	9-12	Peter and Jocelyn Kinney	See submission point 29.12.
5-4 31	10-12	Ian R L Minson	See submission point 29.12.
5-4 31	11-16	North Bank Land Owners Group	See submission point 29.12.
5-4 31	12-5	Synlait Investments Ltd	Amend the date in the second bullet point to 1 July to 30 June year, rather than be based on a limited irrigation season.

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5-4 31	13-5	Mackenzie Irrigation Ltd	See submission point 12.5.
5-4 31	14-5	Canterbury Pastoral Ltd	See submission point 12.5.
5-4 31	15-5	Aqualinc Research Ltd	See submission point 12.5.
5-4 31	17-13	Hurunui Community Water Development Project Working Group	Amend to change the date in the second bullet point under Total seasonal demand from " <i>1 October to 30 April</i> " to " <i>1 July to 30 June</i> "
5-4 31	19-5	Williamson Holdings Ltd	See submission point 12.5.
5-4 31	21-13	Horticulture NZ	Replace the second bullet point with " <i>an annual irrigation allowance</i> " in the definition of <i>Total seasonal demand</i> .
5-4 31	23-3	Maurice Newell	Amend the date in the second bullet point of the definition of <i>Total seasonal demand</i> to read " <i>from 1 Sept to 31 May</i> "
5-4 31	29-12	Federated Farmers of NZ Inc Canterbury Provinces	Amend the dates in the second bullet point under Total season demand to " <i>1 September to 31 May</i> " instead of " <i>1 October to 30 April</i> ".
5-4 31	31-12	Francis J Gilbert	See submission point 29.12.
5-4 31	32-12	Amuri Plains Irrigation Co.	See submission point 29.12.

#### **5-4 32 Total seasonal demand - third bullet point**

5-4 32	1-13	Brian A Goddard	See submission point 29.13.
5-4 32	1-35	Brian A Goddard	See submission point 10.13.
5-4 32	8-13	Rakaia River Irrigators Society Inc	See submission point 29.13.
5-4 32	9-13	Peter and Jocelyn Kinney	See submission point 29.13.
5-4 32	10-13	Ian R L Minson	See submission point 29.13.
5-4 32	10-25	Ian R L Minson	Amend the third bullet point under " <i>Total seasonal demand</i> " to ensure farmers have 100% reliability, not 4 out of 5 years to out of 10.
5-4 32	11-17	North Bank Land Owners Group	See submission point 29.13.
5-4 32	12-6	Synlait Investments Ltd	Amend the seasonal allocation limits to also enable full irrigation during a 1 in 10 year irrigation demand year, in the third bullet point of the Total seasonal demand.
5-4 32	12-13	Synlait Investments Ltd	Amend Schedule WQN9 to have the implementation of seasonal allocation limits done in a manner that is consistent with the needs of existing water users, and to meet demand in 1 in 10 year droughts and allow for flexibility in land use.
5-4 32	13-6	Mackenzie Irrigation Ltd	See submission point 12.6.
5-4 32	13-13	Mackenzie Irrigation Ltd	See submission point 12.13.
5-4 32	14-6	Canterbury Pastoral Ltd	See submission point 12.6.
5-4 32	14-13	Canterbury Pastoral Ltd	See submission point 12.13.
5-4 32	15-6	Aqualinc Research Ltd	See submission point 12.6.
5-4 32	15-13	Aqualinc Research Ltd	See submission point 12.13.
5-4 32	17-14	Hurunui Community Water Development Project Working Group	Amend to change the period of time in the third bullet point under Total seasonal demand from " <i>four out of five years</i> " to " <i>nine out of ten years</i> ".

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5-4 32	19-6	Williamson Holdings Ltd	See submission point 12.6.
5-4 32	19-13	Williamson Holdings Ltd	See submission point 12.13.
5-4 32	21-14	Horticulture NZ	Replace the text " <i>four out of five</i> " in the third bullet point with " <i>nine out of ten</i> " in the definition of Total seasonal demand.
5-4 32	23-4	Maurice Newell	Amend the third bullet point of the definition of <i>Total seasonal demand</i> to read: "... <i>in at least nine out of ten years.</i> "
5-4 32	29-13	Federated Farmers of NZ Inc Canterbury Provinces	Amend the third bullet point under Total season demand by deleting the words " <i>four</i> " and " <i>five</i> " and amend to read so that it reads: "... <i>occur in at least nine out of ten years</i> "
5-4 32	30-1	Lynley R Kingsbury	Replace the text " <i>four out of five</i> " in the third bullet point with " <i>nine out of ten</i> " in the definition of Total seasonal demand.
5-4 32	31-13	Francis J Gilbert	See submission point 29.13.
5-4 32	32-13	Amuri Plains Irrigation Co.	See submission point 29.13.

#### **5-4 33 Effective irrigation season rainfall**

5-4 33	1-3	Brian A Goddard	See submission point 29.3.
5-4 33	1-25	Brian A Goddard	See submission point 10.3.
5-4 33	8-3	Rakaia River Irrigators Society Inc	See submission point 29.3.
5-4 33	9-3	Peter and Jocelyn Kinney	See submission point 29.3.
5-4 33	10-3	Ian R L Minson	See submission point 29.3.
5-4 33	11-7	North Bank Land Owners Group	See submission point 29.3.
5-4 33	12-7	Synlait Investments Ltd	Amend the paragraph beginning " <i>Effective irrigation season.....</i> " to have a daily water balance that accounts for actual irrigation events is required to determine how much of irrigation season rainfall is actually used by the crop and how much drains to groundwater.
5-4 33	13-7	Mackenzie Irrigation Ltd	See submission point 12.7.
5-4 33	14-7	Canterbury Pastoral Ltd	See submission point 12.7.
5-4 33	15-7	Aqualinc Research Ltd	See submission point 12.7.
5-4 33	16-6	Meridian Energy Ltd	Retain the term " <i>effective irrigation season rainfall</i> " in same or similar form.
5-4 33	17-15	Hurunui Community Water Development Project Working Group	Amend the <i>Effective irrigation season rainfall</i> paragraph by re-calculating effective irrigation season rainfall using a daily water balance monitoring approach, taking into account factors that determine whether that rainfall is effective or not.
5-4 33	18-9	Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough	Retain the paragraph starting <i>Effective irrigation season rainfall</i> .
5-4 33	19-7	Williamson Holdings Ltd	See submission point 12.7.
5-4 33	20-9	Department of Conservation	Retain the paragraph starting " <i>Effective irrigation season rainfall</i> ".
5-4 33	24-3	North Bank Waiau Irrigation Group	Remove " <i>Effective irrigation season rainfall</i> " section from Schedule WQN9 and present it as a set of guidelines outside the NRRP.
5-4 33	29-3	Federated Farmers of NZ Inc Canterbury Provinces	Remove " <i>Effective irrigation season rainfall</i> " section from Schedule WQN9 and present it as a set of guidelines outside the NRRP.

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5-4 33	31-3	Francis J Gilbert	See submission point 29.3.
5-4 33	32-3	Amuri Plains Irrigation Co.	See submission point 29.3.
5-4 34	21-16	Horticulture NZ	Delete the word " <i>nominal</i> " in the first sentence of the definition of "Effective irrigation season rainfall"

#### **5-4 35 Effective irrigation season rainfall - first bullet point**

5-4 35	1-14	Brian A Goddard	See submission point 29.14.
5-4 35	1-36	Brian A Goddard	See submission point 10.14.
5-4 35	2-3	Ian C Bell	Amend the first bullet point of paragraph 8 the phrase " <i>rainfall that occurs in four out of five years</i> " to " <i>rainfall that occurs nine out of ten years</i> ".
5-4 35	3-3	Grant M Mills	See submission point 2.3.
5-4 35	6-9	Irricon Consultants	Amend the first bullet point of paragraph 8 the phrase " <i>rainfall that occurs in four out of five years</i> " to " <i>rainfall that occurs nine out of ten years</i> ".
5-4 35	8-14	Rakaia River Irrigators Society Inc	See submission point 29.14.
5-4 35	10-14	Ian R L Minson	See submission point 29.14.
5-4 35	11-18	North Bank Land Owners Group	See submission point 29.14.
5-4 35	17-16	Hurunui Community Water Development Project Working Group	Amend to change the period of time in the first bullet point under <i>Effective irrigation season rainfall</i> from " <i>four out of five years</i> " to " <i>nine out of ten years</i> ".
5-4 35	21-17	Horticulture NZ	Replace the text "four out of five" with " <i>nine out of ten</i> " in the first bullet point in the definition of "Effective irrigation season rainfall"
5-4 35	29-14	Federated Farmers of NZ Inc Canterbury Provinces	Amend the second bullet point under <i>Effective irrigation season rainfall</i> by deleting the words "four" and "five" and amend to read so that it reads: "...occur in <i>at least nine out of ten years</i> ".
5-4 35	31-14	Francis J Gilbert	See submission point 29.14.
5-4 35	32-14	Amuri Plains Irrigation Co.	See submission point 29.14.

#### **5-4 38 Seasonal irrigation demand standard**

5-4 38	7-4	Irrigation NZ Inc	Amend the methodology for determining seasonal irrigation demand to model demand and rainfall on a daily basis over the period of record and determine a time series of irrigation demand that meets the 1 in 5 year shortfall criteria.
5-4 38	7-5	Irrigation NZ Inc	Amend the Seasonal irrigation demand standard to aim for the higher level of security - eg 1 year in 10, in the allocation process and manage the resource by monitoring.
5-4 38	16-7	Meridian Energy Ltd	Retain the term " <i>seasonal irrigation demand standard</i> " in same or similar form.
5-4 38	18-10	Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough	Retain the paragraph starting " <i>Seasonal irrigation demand standard</i> ".
5-4 38	20-10	Department of Conservation	Retain the paragraph starting " <i>Seasonal irrigation demand standard</i> ".
5-4 38	21-18	Horticulture NZ	Replace the definition of " <i>Seasonal irrigation demand standard</i> " with: " <i>Total irrigation demand</i> "

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			<i>standard, is for intensive pasture and some arable systems, and soil types, the depth of water per hectare per year required to be supplied by irrigation to satisfy plant water demand after allowing for effective rainfall."</i>
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**5-6 1 Figure WQN12(a): Map of irrigation crop demand zones effective irrigation season rainfall (millimetres) (northern and central Canterbury)**

5-6 1	1-15	Brian A Goddard	See submission point 29.15.
5-6 1	1-37	Brian A Goddard	See submission point 10.15.
5-6 1	8-15	Rakaia River Irrigators Society Inc	See submission point 29.15.
5-6 1	9-15	Peter and Jocelyn Kinney	See submission point 29.15.
5-6 1	10-15	Ian R L Minson	See submission point 29.15.
5-6 1	11-19	North Bank Land Owners Group	See submission point 29.15.
5-6 1	12-8	Synlait Investments Ltd	Add information to Figure WQN12(a) to provide a detailed description of how the map was produced, the accuracy of the data used to create it, and the overall accuracy of the map and its limitations.
5-6 1	13-8	Mackenzie Irrigation Ltd	See submission point 12.8.
5-6 1	14-8	Canterbury Pastoral Ltd	See submission point 12.8.
5-6 1	15-8	Aqualinc Research Ltd	See submission point 12.8.
5-6 1	16-8	Meridian Energy Ltd	Retain Figure WQN12(a) in same or similar form.
5-6 1	17-17	Hurunui Community Water Development Project Working Group	Remove Figure WQN12(a) and present it as a set of guidelines outside the plan, and explain: how the map was produced, the accuracy of data used to create it, and the overall accuracy of the map and its limitations.
5-6 1	18-11	Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough	Retain Figure WQN12(a).
5-6 1	19-8	Williamson Holdings Ltd	See submission point 12.8.
5-6 1	29-15	Federated Farmers of NZ Inc Canterbury Provinces	Remove Figure WQN12(a) from Schedule WQN9 and present it as a set of guidelines outside the plan.
5-6 1	30-3	Lynley R Kingsbury	Amend to make the categories of rainfall less restrictive.
5-6 1	31-15	Francis J Gilbert	See submission point 29.15.
5-6 1	32-15	Amuri Plains Irrigation Co.	See submission point 29.15.

**5-7 1 Figure WQN12(b): Map of irrigation crop demand zones effective irrigation season rainfall (millimetres) (mid and southern Canterbury)**

5-7 1	1-16	Brian A Goddard	See submission point 29.16.
5-7 1	1-38	Brian A Goddard	See submission point 10.16.
5-7 1	8-16	Rakaia River Irrigators Society Inc	See submission point 29.16.
5-7 1	9-16	Peter and Jocelyn Kinney	See submission point 29.16.
5-7 1	10-16	Ian R L Minson	See submission point 29.16.
5-7 1	11-4	North Bank Land Owners Group	Amend the rain contour lines in Figure WQN12(b) of the properties of the North Bank Land Owners

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			Group to an accurate rainfall level.
5-7 1	11-20	North Bank Land Owners Group	See submission point 29.16.
5-7 1	16-9	Meridian Energy Ltd	Retain Figure WQN12(b) in same or similar form.
5-7 1	17-18	Hurunui Community Water Development Project Working Group	Remove Figure WQN12(b) and present it as a set of guidelines outside the plan, and explain: how the map was produced, the accuracy of data used to create it, and the overall accuracy of the map and its limitations.
5-7 1	18-12	Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough	Retain Figure WQN12(b).
5-7 1	29-16	Federated Farmers of NZ Inc Canterbury Provinces	Remove Figure WQN12(b) from Schedule WQN9 and present it as a set of guidelines outside the plan.
5-7 1	31-16	Francis J Gilbert	See submission point 29.16.
5-7 1	32-16	Amuri Plains Irrigation Co.	See submission point 29.16.

#### 5-8 4 Policy WQN14

5-8 4	6-10	Irricon Consultants	Review Policy WQN14 to look more closely at the "net use" of water and separate the connection between on-farm allocation and total zone use.
5-8 5	5-2	PPCS Ltd	Insert a new subsection (ii) under Policy WQN14(6)(c)(ii) as follows: <i>"(ii) Where the water permit is to take water for industrial use, the annual volume of waste water generated may be used for irrigation purposes if it exceeds the annual volume specified in (i) above."</i>
5-8 5	16-10	Meridian Energy Ltd	Retain the proposed amendments to Policy WQN14(6)(c)(i) in same or similar form.
5-8 5	17-19	Hurunui Community Water Development Project Working Group	Amend Policy WQN14(a)(6)(c)(i) to provide further justification for the proposed amendment to calculate seasonal demand.
5-8 6	12-9	Synlait Investments Ltd	Amend to clarify and justify the suggested changes in Policy WQN14(a)(i).
5-8 6	13-9	Mackenzie Irrigation Ltd	See submission point 12.9.
5-8 6	14-9	Canterbury Pastoral Ltd	See submission point 12.9.
5-8 6	15-9	Aqualinc Research Ltd	See submission point 12.9.
5-8 6	19-9	Williamson Holdings Ltd	See submission point 12.9.
5-8 6	26-4	Landco Pastoral Holdings Ltd	Delete the words "use", "either" and "whichever is the lesser" from Policy WQN14(6)(c)(i) and amend to read as follows: <i>"where the water permit is to take water for irrigation, as the annual volume calculated using Schedule WQN9, or where impractical to apply Schedule WQN9 as the annual volume calculated using the average daily rate of take derived from the water permit x212 (days)."</i>
5-8 7	1-17	Brian A Goddard	See submission point 29.17.
5-8 7	1-39	Brian A Goddard	See submission point 10.17.
5-8 7	8-17	Rakaia River Irrigators Society Inc	See submission point 29.17.
5-8 7	9-17	Peter and Jocelyn Kinney	See submission point 29.17.

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5-8 7	10-17	Ian R L Minson	See submission point 29.17.
5-8 7	11-21	North Bank Land Owners Group	See submission point 29.17.
5-8 7	21-19	Horticulture NZ	Amend policy WQN14(6)(c)(i) by replacing the text " <i>or the annual volume .....is the lesser</i> " with " <u><i>or the annual volume required by the crops.</i></u> "
5-8 7	29-17	Federated Farmers of NZ Inc Canterbury Provinces	Delete reference to Schedule WQN9 from Policy WQN14(6)(c)(i).
5-8 7	32-17	Amuri Plains Irrigation Co.	See submission point 29.17.
5-8 10	16-11	Meridian Energy Ltd	Retain the proposed amendments to the Explanation and principal reason to Policy WQN14(6)(c)(i) in same or similar form.

#### **5-8 12 Explanation and principal reasons to Policy WQN14**

5-8 12	1-18	Brian A Goddard	See submission point 29.18.
5-8 12	1-40	Brian A Goddard	See submission point 10.18.
5-8 12	8-18	Rakaia River Irrigators Society Inc	See submission point 29.18.
5-8 12	9-18	Peter and Jocelyn Kinney	See submission point 29.18.
5-8 12	10-18	Ian R L Minson	See submission point 29.18.
5-8 12	11-22	North Bank Land Owners Group	See submission point 29.18.
5-8 12	29-18	Federated Farmers of NZ Inc Canterbury Provinces	Delete reference to Schedule WQN9 from Explanation and principal reason to Policy WQN14.
5-8 12	32-18	Amuri Plains Irrigation Co.	See submission point 29.18.
5-8 15	21-20	Horticulture NZ	Amend the Explanation to Policy WQN14 by replacing the text " <i>However, this will not work...the Schedule WQN9 approach.</i> " with " <i>However, this will not work in all situations so an additional Schedule XXX will be used as a basis of assessing total annual volumes for such situations.</i> "
5-8 19	5-3	PPCS Ltd	Add additional wording to the explanation in Policy WQN14 paragraph 4 as follows: " <u><i>...Schedule WQN9 approach. Disposal of wastewater by land irrigation is treated as a special case and the irrigation use is determined by the discharge permit</i></u> "

#### **5-8 21 Rule WQN25**

5-8 21	30-2	Lynley R Kingsbury	Amend Rule WQN25 to make the total seasonal demand for varying types of farming less arbitrary, and avoid widespread use of Rule WQN26
5-8 22	16-12	Meridian Energy Ltd	Retain the proposed amendments to Condition 1 of Rule WQN25 in same or similar form.
5-8 23	1-4	Brian A Goddard	See submission point 29.4.
5-8 23	1-26	Brian A Goddard	See submission point 10.4.
5-8 23	8-4	Rakaia River Irrigators Society Inc	See submission point 29.4.
5-8 23	9-4	Peter and Jocelyn Kinney	See submission point 29.4.
5-8 23	10-4	Ian R L Minson	See submission point 29.4.
5-8 23	11-8	North Bank Land Owners Group	See submission point 29.4.
5-8 23	26-5	Landco Pastoral Holdings Ltd	Amend Condition 1 of Rule WQN25 as follows: " <u><i>...using Schedule WQN9; or where impractical to</i></u> "

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			<i>apply Schedule WQN9, the average daily rate of take derived from the water permit x212 (days), for the intended use."</i>
5-8 23	29-4	Federated Farmers of NZ Inc Canterbury Provinces	Delete references to Schedule WQN9 in Rule WQN25.
5-8 23	31-4	Francis J Gilbert	See submission point 29.4.
5-8 23	32-4	Amuri Plains Irrigation Co.	See submission point 29.4.
5-8 24	1-19	Brian A Goddard	See submission point 29.19.
5-8 24	1-41	Brian A Goddard	See submission point 10.19.
5-8 24	8-19	Rakaia River Irrigators Society Inc	See submission point 29.19.
5-8 24	9-19	Peter and Jocelyn Kinney	See submission point 29.19.
5-8 24	10-19	Ian R L Minson	See submission point 29.19.
5-8 24	11-23	North Bank Land Owners Group	See submission point 29.19.
5-8 24	29-19	Federated Farmers of NZ Inc Canterbury Provinces	Delete reference to Schedule WQN9 from Rule WQN25 Condition 1.
5-8 24	31-19	Francis J Gilbert	See submission point 29.19.
5-8 24	32-19	Amuri Plains Irrigation Co.	See submission point 29.19.

#### **5-8 27 Rule WQN33**

5-8 27	1-20	Brian A Goddard	See submission point 29.20.
5-8 27	1-42	Brian A Goddard	See submission point 10.20.
5-8 27	8-20	Rakaia River Irrigators Society Inc	See submission point 29.20.
5-8 27	9-20	Peter and Jocelyn Kinney	See submission point 29.20.
5-8 27	10-20	Ian R L Minson	See submission point 29.20.
5-8 27	11-24	North Bank Land Owners Group	See submission point 29.20.
5-8 27	16-13	Meridian Energy Ltd	Retain the proposed amendments to Condition 4 of Rule WQN33 in same or similar form.
5-8 27	29-20	Federated Farmers of NZ Inc Canterbury Provinces	Delete Condition 4 Rule WQN33.
5-8 27	31-20	Francis J Gilbert	See submission point 29.20.
5-8 27	32-20	Amuri Plains Irrigation Co.	See submission point 29.20.
5-8 28	1-5	Brian A Goddard	See submission point 29.5.
5-8 28	1-27	Brian A Goddard	See submission point 10.5.
5-8 28	8-5	Rakaia River Irrigators Society Inc	See submission point 29.5.
5-8 28	9-5	Peter and Jocelyn Kinney	See submission point 29.5.
5-8 28	10-5	Ian R L Minson	See submission point 29.5.
5-8 28	11-9	North Bank Land Owners Group	See submission point 29.5.
5-8 28	29-5	Federated Farmers of NZ Inc Canterbury Provinces	Delete references to Schedule WQN9 in Rule WQN33.
5-8 28	31-5	Francis J Gilbert	See submission point 29.5.

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5-8 28	32-5	Amuri Plains Irrigation Co.	See submission point 29.5.
5-8 30	18-13	Fish and Game NZ Central SI, North Canterbury, Nelson/Marlborough	Amend 3 Rule WQN33 by deleting the reference " <i>for the intended land use</i> ".
5-8 30	20-11	Department of Conservation	Amend 3 Rule WQN33 by deleting the reference " <i>for the intended land use</i> ".
5-8 30	26-6	Landco Pastoral Holdings Ltd	Amend Rule WQN33 as follows: " <i>...using Schedule WQN9; or where impractical to apply Schedule WQN9, the average daily rate of take derived from the water permit x212 (days), for the intended land use.</i> "

#### 5-8 31 Schedule WQN4

5-8 32	5-4	PPCS Ltd	Insert a new subsection (ii) under Schedule WQN4(c)(ii) as follows: <i>"(ii) Where the water permit is to take water for industrial use, the annual volume of waste water generated may be used for irrigation purposes if it exceeds the annual volume specified in (i) above."</i>
5-8 32	12-18	Synlait Investments Ltd	Amend to clarify and justify the suggested changes in Schedule WQN4.
5-8 32	13-18	Mackenzie Irrigation Ltd	See submission point 12.18.
5-8 32	14-18	Canterbury Pastoral Ltd	See submission point 12.18.
5-8 32	15-18	Aqualinc Research Ltd	See submission point 12.18.
5-8 32	16-14	Meridian Energy Ltd	Retain the proposed amendments to Schedule WQN4(c)(i) in same or similar form.
5-8 32	17-20	Hurunui Community Water Development Project Working Group	Amend Schedule WQN4 to provide further justification for the proposed amendment to calculate seasonal demand.
5-8 32	19-18	Williamson Holdings Ltd	See submission point 12.18.
5-8 33	26-7	Landco Pastoral Holdings Ltd	Delete the words " <i>use</i> ", " <i>either</i> " and " <i>whichever is the lesser</i> " from Schedule WQN4 and amend to read as follows: <i>"where the water permit is to take water for irrigation, as the annual volume calculated using Schedule WQN9, or where impractical to apply Schedule WQN9 as the annual volume calculated using the average daily rate of take derived from the water permit x212 (days)."</i>
5-8 34	1-21	Brian A Goddard	See submission point 29.21.
5-8 34	1-43	Brian A Goddard	See submission point 10.21.
5-8 34	8-21	Rakaia River Irrigators Society Inc	See submission point 29.21.
5-8 34	9-21	Peter and Jocelyn Kinney	See submission point 29.21.
5-8 34	10-21	Ian R L Minson	See submission point 29.21.
5-8 34	11-25	North Bank Land Owners Group	See submission point 29.21.
5-8 34	21-21	Horticulture NZ	Amend Schedule WQN4(c)(i) by replacing the text " <i>or the annual volume...is the lesser</i> " with " <i>or the annual volume required by the crops.</i> "
5-8 34	29-21	Federated Farmers of NZ Inc Canterbury Provinces	Delete reference to Schedule WQN9 from Schedule WQN24.
5-8 34	32-21	Amuri Plains Irrigation Co.	See submission point 29.21.

**Location      Sub No/point      Submitter      Summary of decision requested**

**5-16 16    2.5 Discussion, paragraph (xi)**

5-16 16	1-22	Brian A Goddard	See submission point 29.22.
5-16 16	1-44	Brian A Goddard	See submission point 10.22.
5-16 16	8-22	Rakaia River Irrigators Society Inc	See submission point 29.22.
5-16 16	10-22	Ian R L Minson	See submission point 29.22.
5-16 16	11-26	North Bank Land Owners Group	See submission point 29.22.
5-16 16	29-22	Federated Farmers of NZ Inc Canterbury Provinces	Retain the approach that Schedule WQN9 does not affect large irrigation schemes, as described in Discussion (xi) of Variation 2.
5-16 16	32-22	Amuri Plains Irrigation Co.	See submission point 29.22.