Environment Canterbury
Your regional council

20 July, 2009

White Water Canoe Club
PO Box 4476
Christchurch Mail Centre
Christchurch 8140

Attn: Recreation Officer

Dear Sir/Madam

NUMBER: **CRC094168, CRC094169, CRC094170, CRC094171, CRC094172, CRC094173, CRC094347 & CRC094350**
APPLICANT: **Hurunui Water Project Limited**

Environment Canterbury has received the following application for resource consent from:

Applicant: **Hurunui Water Project Limited**
Address: PO Box 29031, Christchurch 8540, Attn: Ms Amanda Loeffen

Purpose
Hurunui Water Project Limited is proposing to establish a community irrigation scheme with hydro power generation. The proposal involves the abstraction of water from the Hurunui River, via either an intake near the confluence of the Mandamus River or an intake 1-2 kilometres upstream from the Dampier Stream confluence, and the irrigation of approximately 42,000 hectares of land in the Hurunui and Upper Waipara catchments, as shown on the plan below. Two storage structures are proposed to impound water; a dam on the South Branch of the Hurunui River and a weir structure on the main stem of the Hurunui River, just downstream of the outlet from Lake Sumner. The proposed hydro power generation will be either on the scheme distribution canal, or located at the proposed dam on the South Branch of the Hurunui River, or both.

The applications listed relate only to the take, use, divert, damming, and discharge of water and are therefore the first stage of the consent process for the Hurunui Water Project Limited scheme. Resource consents related to the construction of the irrigation and hydro power generation scheme, dam, weir, and associated infrastructure will be applied for as part of stage two of the consent process for the Hurunui Water Project Limited scheme.

A duration of 35 years is sought for each of the following consents.

Lake Sumner Weir
The proposed weir structure will be constructed on the main stem of the Hurunui River approximately 80 metres downstream of the outlet from Lake Sumner (at or about map reference NZMS 260 M32:506-313) and allow for the storage of up to 27 million cubic metres of additional water. A minimum flow over the weir of nine cubic metres per second will be maintained.

CRC094168 - to dam water within the main stem of the Hurunui River and Lake Sumner.

CRC094169 - to discharge water into the main stem of the Hurunui River immediately downstream of the weir.

Hurunui River South Branch Dam
The proposed dam will be constructed on the South Branch of the Hurunui River above the confluence with North Esk River. Three dam sites have been considered at this preliminary stage (between map references NZMS 260 L33:464-219 and NZMS 260 L33:472-213). The proposed dam will be up to 75 metres high, will impound approximately a seven kilometre stretch of river, and will have a total storage of up to 162 million cubic metres of water. Approximately 111 million cubic metres will be used for irrigation and hydro power

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generation, with the remaining volume remaining in the reservoir. A minimum flow over the dam of 4.5 cubic metres per second will be maintained.

CRC094170 - to dam water within the South Branch of the Hurunui River to create a reservoir.

CRC094171 - to discharge water into the South Branch immediately downstream of the dam.

CRC094347 - to take and use water for hydro power generation.

Hurunui River Intake
The proposed intake structure will be located on the main stem of the Hurunui River, either downstream of the Mandamus River confluence (between map references NZMS 260 M33:733-238 and M33:746-224) or upstream of the Dampier Stream confluence (between map references NZMS 260 M33:693-218 and M33:705-236).

CRC094172 - to divert, take and use up to 32 cubic metres per second of water from the main stem of the Hurunui River and from an intake system. Water will be diverted from the Hurunui River into an intake system, and then diverted from the intake system into a canal scheme. Water will be used for irrigation and hydro power generation.

CRC094350 - to discharge water from the irrigation canal into another catchment.

CRC094173 - to discharge water from the irrigation canal into the Hurunui River, Hurunui.

Please see attached map.

If you wish to make a submission on the applications, your submission must be made in writing, and received by Environment Canterbury by **5pm Friday 11th September 2009. You must also send a copy of your submission to the consent applicant.** Please complete the 'Submission Form' which details all information required by the Resource Management Act, and is attached for your convenience. If you do not wish to use this form, the submission must be dated, signed and include the following information:

1. Your name, address and telephone number.
2. The name of the consent applicant, consent application number(s), and proposed activity.
3. State whether you support or oppose the consent application(s).
4. State the reasons for your submission.
5. State the decision you wish the consent authority to make, and any conditions sought.
6. State whether you wish to be heard in support of your submission.

Your submission may also be emailed to us. The email version of the submission form may be found on our website at the following address:
http://www.ecan.govt.nz/Resource+Consents/publicnotifications.htm

Full details of the consent application, including the Assessment of Environmental Effects and any plans or maps that accompanied the application, can be viewed at Environment Canterbury at 58 Kilmore Street, Christchurch, the Hurunui District Council at 66 Carters Road, Amberley, the Culverden Service Centre and Amuri Community Library at Amuri Area School, School Road, Culverden, and the Hawarden Community Library at Hurunui College, Hawarden.

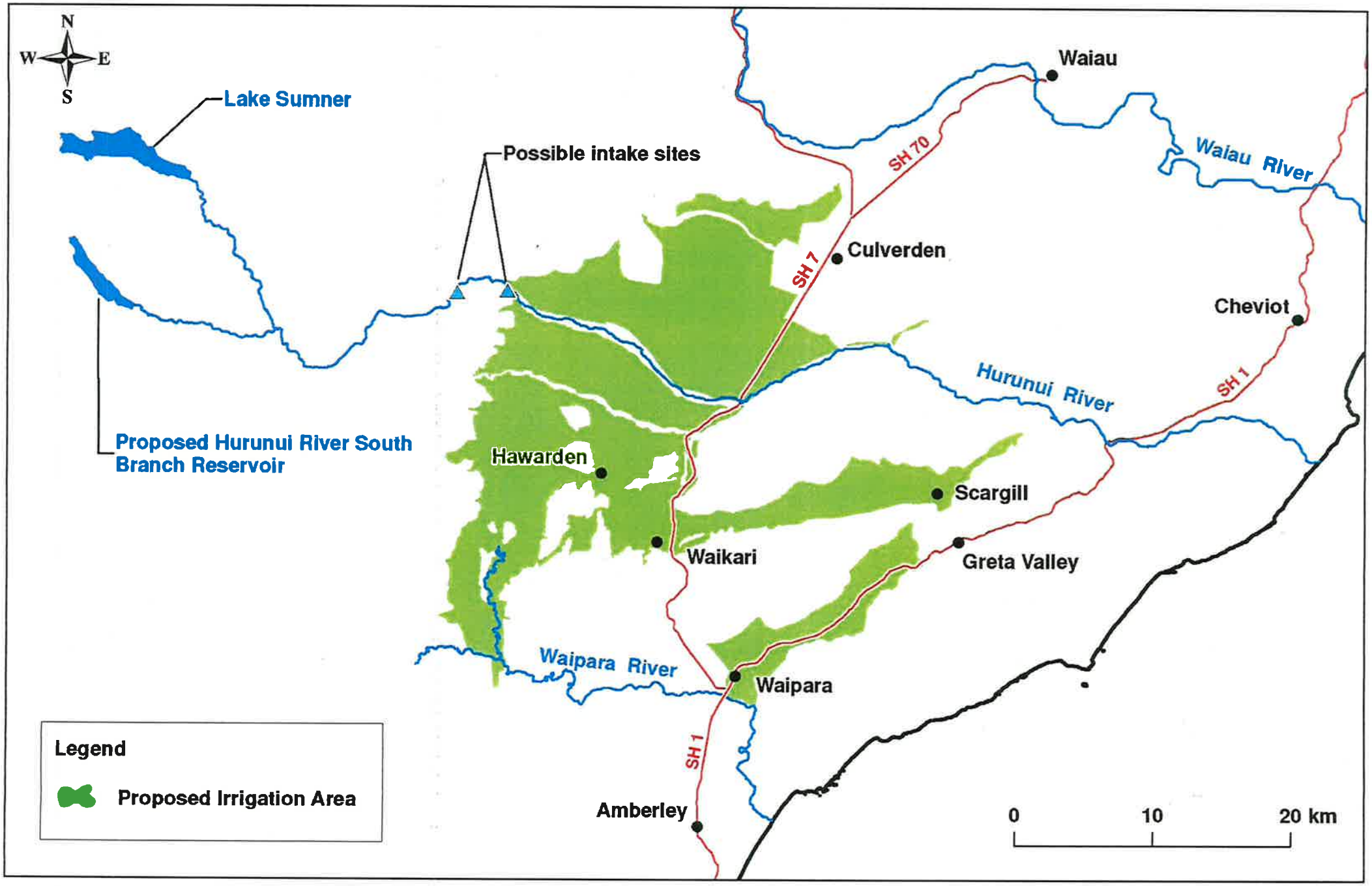
A copy of your submission must also be forwarded to the consent applicants as soon as practicable. Their address for service is as shown below.

Applicant: **Hurunui Water Project Limited**
Address: PO Box 29031, Christchurch 8540, Attn: Ms Amanda Loeffen

If you need more assistance, please contact our Customer Services Section by telephoning (03) 353-9007, or 0800 ECINFO (0800 324 636).

Yours sincerely

CONSENTS OPERATIONS
Encl.


N
W
E
S
Lake Sumner
Possible intake sites
Proposed Hurunui River South Branch Reservoir
Waiau
Waiau River
SH 70
SH 7
Culverden
Cheviot
Hurunui River
SH 1
Hawarden
Scargill
Waikari
Greta Valley
Waipara River
Waipara
SH 1
Amberley
Legend
Proposed Irrigation Area
0
10
20 km