AQUIFER TEST REVIEW FORM

PAGE 1 OF 2

# AQUIFER TEST REVIEW STEP DRAWDOWN TEST

Send the completed application to:

Environment Canterbury, 58 Kilmore Street, P O Box 345, Christchurch 8140.

Providing all the information in this form:

- (a) may satisfy the requirements of an aquifer test review, Environment Canterbury will inform you if further information is required.
- (b) will assist with the prompt processing of an aquifer test review any omissions in the form may result in significant delays and costs while the required information is obtained.

Please complete all questions and sign and date the form.

### Part A: Basic Information

Consent No:			
Production (test) well:			
Groundwater Allocation Zone:			
Applicant (print):			
Contact Details: (company address, phone, email)			
Consultant (print):			
Contact Details: (company address, phone, email)			
Signature:			
	Name & date (p	rint):	
Date Submitted			
Invoice:	Applicant	Consultant	Other 🗌 (please specify)

#### PAGE **2** OF 2

# PART B: Scope of Review

	In support of a current water permit application in process
	Review for general agreement with transmissivity estimate
	Review for general agreement with estimate of well efficiency and yield
	Review of parameters for use in a specific WQN10 assessment
	Pre-application review
	Review for general agreement with transmissivity estimate
	Review for general agreement with estimate of well efficiency and yield
	Review of parameters for use in a specific WQN10 assessment
	For information purposes only

## PART C: Information Provided for Review

### CHECKLIST

Have you provided:

A brief explanation of the purpose of the test (e.g. to define appropriately conservative estimate of Transmissivity for a Theis- based WQN10 well interference assessment)
A brief explanation of the conceptual model for the site
Test date, pumping rates, pumping durations, and method of measuring pumping rate (data in electronic format where logger used), units
Water disposal method and distance from pumped well
GPS references for the pumping well (mE mN) and accuracy
Drilling logs or geological logs
Well depth and screen information
Measurement reference point for the well (e.g. ground level or top of casing)
Pre-test and post-test standing groundwater levels for the well (initial and final static water level measurements), units
Time drawdown and recovery and any corrected datasets provided electronically
Estimate of transmissivity, and if necessary, a statement of data/parameter uncertainty and how this impacts predictions of
environmental effects
Other (please state):