

Consent No. WGN050025 [23852]

Category: Water permit

Pursuant to sections 104B and 108, and subject to all the relevant provisions of the Resource Management Act 1991 and any regulations made thereunder, a consent in respect of a natural resource is hereby granted to:

Name	Kapiti Coast District Council		
Address	Private Bag 601, Paraparaumu		
Term of consent	Grant date: 4 November 2004	Effective: 1 July 2005	Expires: 1 July 2025
Purpose for which right is granted	To take and use a combined total of up to 7,000 m ³ /day of groundwater from two wells (PW1 and PW5) for the purposes of a back-up public water supply for the communities of Waikanae, Paraparaumu and Raumati.		
Location	PW1, Otaihanga Recreation Reserve, Otaihanga, at or about map reference NZMS 260:R26;798.341 PW5, Otaihanga Domain, Otaihanga, at or about map reference NZMS 260:R26;801.345		
Legal description of land	Lot 21 DP 15740 (PW1), Lot 1 DP 15982 (PW5)		
Volume/quantity/rate	7,000 m ³ /day		
Conditions	1-17 as attached		

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:

Conditions to Resource Consent WGN050025 [23852]

General conditions

1. The location, design, implementation and operation of the take shall be in accordance with the application, and its associated plans and documents, lodged with the Wellington Regional Council on 4 August 2004, and additional information provided on 18 August 2004, and 13 October 2004.
2. In terms of Section 123(d) of the Resource Management Act 1991, the period for which this permit is granted is limited to twenty years from the date of granting.

Operational conditions

3. The rate of groundwater abstraction from the back-up wells (PW1 and PW5 wells) shall not exceed a combined total of 7,000 m³/day.
4. The back-up supply shall be used only:
 - In extraordinary circumstances preventing full use of the supplementary supply from the Waikanae borefield (e.g. mechanical failure or damage from seismic events);
 - As a bridging supply until water metering is introduced to reduce demand below borefield supply capability (only required if the full expected yield is not realised from the Waikanae borefield); or
 - As required to commission and maintain the wells and on-site treatment facilities in a state of operational readiness.

Use of the back-up supply at any other time shall be at the discretion of the Manager, Consents Management, Wellington Regional Council.

5. The permit holder shall meter all abstractions from each individual well and the meters shall have an accuracy of +/- 5%.
6. The wells and their connection to the water reticulation system shall be designed so that excess water does not run to waste and backflow is prevented.
7. The permit holder shall take all practicable steps to ensure that leaks within the PW1 and PW5 on-site treatment and storage system are identified and repaired.
8. This permit shall be exercised in accordance with an Operations and Maintenance Manual which shall be prepared by the permit holder and submitted to the Manager, Consents Management, Wellington Regional Council for approval within three months of the date of granting of this permit. The manual is to include sections on:
 - Type and capacity of the pumps in each well;
 - Details of the well head and connection from the wells to pipeline;
 - Pumping regimes;
 - Measures taken to prevent aquifer contamination from surface sources (e.g. security of wellhead, backflow prevention);
 - Requirement, procedure and schedule for maintenance of pipeline and wells;
 - Requirement and procedures for implementation of restrictions in abstraction (due to trigger levels set under Condition 10 being breached);

- Procedures for resumption of normal pumping rates;
- Procedures for notification to the Wellington Regional Council; and
- An operation log which will record information such as:
 - (a) date and hours of operation of the take;
 - (b) abstraction rates and volumes for each well;
 - (c) total daily abstraction;
 - (d) any changes in operational procedures;
 - (e) any maintenance carried out; and
 - (f) any unusual events which occur.

These operational logs shall be made available for inspection by the Wellington Regional Council at any time, and shall be sent to the Manager, Consents Management, Wellington Regional Council, on a three monthly basis.

9. Any changes to the Operational and Maintenance Manual shall be forwarded to the Manager, Consents Management, Wellington Regional Council, within one month of the change being made.

Monitoring conditions

10. This permit shall be exercised in accordance with a Monitoring Manual which shall be prepared by the permit holder and submitted to the Manager, Consents Management, Wellington Regional Council for approval within three months of the date of granting of this permit. The manual shall include:
 - Monitoring of water levels in the shallow aquifer and Nga Manu Nature Reserve wetlands;
 - Monitoring for interference or drawdown effects in the deep aquifer;
 - Monitoring for seawater intrusion (electrical conductivity) in the 'sentinel' monitoring wells;
 - Monitoring of water levels and electrical conductivity in the MW1/1 and MW1/2 monitoring wells;
 - Monitoring methods, frequency and locations;
 - Action levels, and the derivation of appropriate trigger levels to determine if changes in abstraction are required;
 - Procedures for if/when any trigger levels are breached;
 - Procedures and timing for notification to the Wellington Regional Council if any trigger levels are breached; and
 - Frequency and method of reporting the monitoring information to the Wellington Regional Council.
11. Any changes to the Monitoring Manual shall be submitted to the Manager, Consents Management, Wellington Regional Council, for approval prior to the changes being implemented.
12. All monitoring methods and procedures shall be to the specific approval of the Manager, Consents Management, Wellington Regional Council.
13. Should the trigger levels determined under Condition 10 indicate it necessary, the permit holder shall comply with abstraction restrictions as directed by the Manager, Consents Management, Wellington Regional Council.
14. If so requested by the Manager, Consents Management, Wellington Regional Council, the permit holder shall make the wells available for the monitoring of water levels, water quality and seawater intrusion.

Reporting conditions

15. The permit holder shall prepare and submit an annual report to the Manager, Consents Management, Wellington Regional Council before 1 April each year. This annual report shall include:
 - (a) A summary of monitoring results in accordance with Condition 10, including but not limited to a review of data for trigger levels; and

- (b) Measures undertaken to investigate, implement and manage water conservation methods to reduce water demand on the Kapiti Coast, including the introduction of water meters, any increases in population, any reduction in peak daily water demand and the achieved results of these measures.

Review conditions

16. The Wellington Regional Council may review any or all conditions of this permit by giving notice of its intention to do so pursuant to Section 128 of the Resource Management Act 1991, at any time within six months of the:
- The first anniversary of the date of granting;
 - Every two years following the first anniversary of the date of granting thereafter.

Such a review shall be for any of the following purposes:

- (a) To deal with any adverse effect on the environment which may arise from the exercise of the permit, including the rate of abstraction, and which it is appropriate to deal with at a later stage;
- (b) to review the adequacy of any monitoring programme requirements, including trigger levels set under Condition 10, and if necessary to amend those requirements.
17. In addition to Condition 16, the Wellington Regional Council may review any or all conditions of this permit by giving notice of its intention to do so pursuant to Section 128 of the Resource Management Act 1991, at any time within one year of amendments to the Regional Freshwater Plan for the Wellington Region (the Plan) becoming operative, to enable consistency of the permit with the Plan.