

Consent No. WGN050024 [23848]

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	Effective: 1 July 2005	Expires: 1 July 2025	Grant date: 23 November 2004
Purpose for which right is granted	To take water from the Waikanae River at the Waikanae Water Treatment Plant for public water supply purposes.		
Location	Waikanae Water Treatment Plant, Reikorangi Road, Waikanae at or about map reference NZMS 260: R26;845.333		
Legal description of land	Pt Lot 1 DP 3432		
Volume/quantity/rate	Maximum take shall not exceed 23,000 m ³ /day at a maximum rate of up to 463 L/s, 7 days/week, 52 weeks/year, when river flows are above 1,400 L/s. Between river flow of 1,400 L/s and 1,100 L/s, the rate of take will be 350 L/s. Once flows in the Waikanae River drop below 1,100 L/s, the rate of take will drop proportionally such that a residual flow of 750 L/s is maintained in the river, unless the river naturally falls below 750 L/s.		
Conditions	1-15 as attached		

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:

Conditions to Resource Consent WGN050024 [23848]

General conditions

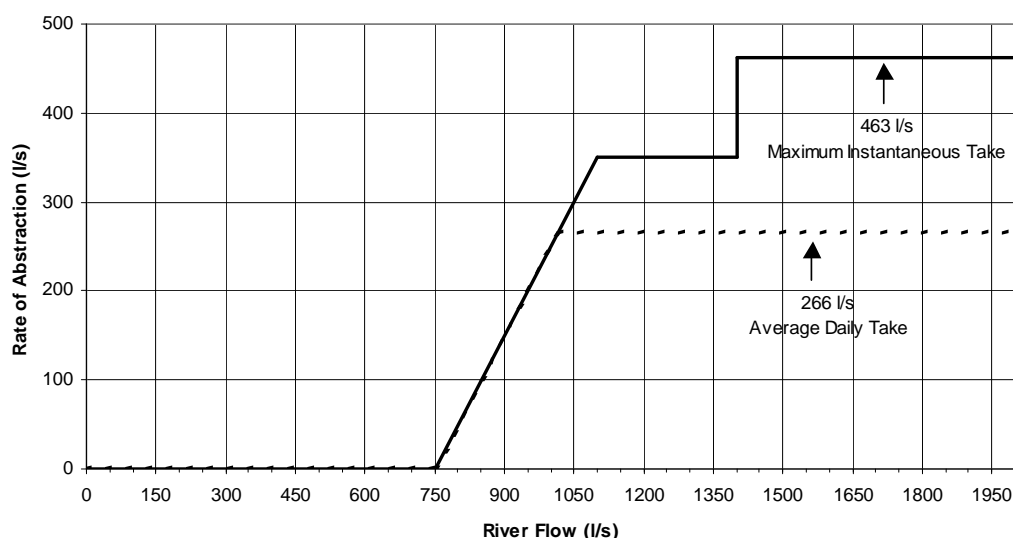
1. The location, design, implementation and operation of the activity shall be carried out in accordance with the application, and its associated plans and documents, lodged with the Wellington Regional Council on 4 August 2004, and additional information received by the Wellington Regional Council on 5 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 maximum take shall not exceed 23,000 m³/day at a maximum rate of up to 463 L/s, 7 days/week, 52 weeks/year, when river flows are above 1,400 L/s. Between river flows of 1,400 L/s and 1,100 L/s, the rate of take will be 350 L/s. Once flows in the Waikanae River drop below 1,100 L/s, the rate of take will drop proportionally such that a residual flow of 750 L/s is maintained in the river, unless the river naturally falls below 750 L/s.

The rate of take shall be in accordance with the table and graph attached below:

River Flow above Water Treatment Plant (L/s)	Maximum instantaneous water abstraction (L/s)
<750	0
750-1,100	0-350 (Maintaining minimum 750 L/s residual flow)
1,100-1,400	350
>1,400	463



Note: The permit holder shall adopt a 'best endeavours' approach to ensure that a minimum residual flow of 850 L/s is maintained at all times immediately below the Waikanae Water Treatment Plant intake weir, unless the flow naturally falls below this level.

4. For the purpose of this permit, all flows in the Waikanae River shall be measured at the water level recorder station immediately above the Waikanae Water Treatment Plant intake weir (Site No. 31504).
5. The permit holder shall ensure that a minimum residual flow of 750 L/s is maintained at all times immediately below the Waikanae Water Treatment Plant intake weir, unless the flow naturally falls below this level.
6. This permit shall be exercised in accordance with an Operations and Maintenance Manual which shall be updated 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:
 - Pumping regimes;
 - Storage capacities;
 - Mitigation measures for when demand for water exceeds the supply available;
 - Plant instructions regarding the 'best endeavours' minimum flow of 850 L/s;
 - Requirement, procedures and schedule for maintenance of the plant;
 - Requirement and procedures for implementation of restrictions in abstraction;
 - Procedures for resumption of normal pumping rates; and
 - An operation log which will record information such as:
 - (a) date and hours of operation of the take;
 - (b) instantaneous abstraction rates;
 - (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 supplied to the Manager, Consents Management, Wellington Regional Council, on request.

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

Monitoring conditions

8. 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:

- Details of a monitoring programme to determine the impacts of the water abstraction on water quality, native fish species and trout, including:
 - a) Macroinvertebrate Community Index (MCI)
 - b) Native fish and trout surveys;
 - Monitoring methods, frequency and locations;
 - Frequency and method of reporting the monitoring information to the Wellington Regional Council.
9. 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.
10. The permit holder shall install a data logger compatible with the Wellington Regional Council's telemetry system and a telemetry unit to record the rate and volume of take.
- (a) Electronic devices shall transmit real time data, in at least 15 minute intervals of water used to the Wellington Regional Council's automated telemetry system.
 - (b) The installation and maintenance of the electronic devices shall be performed in accordance with manufacturer's specifications and to New Zealand Quality Standard ISO 4064.
 - (c) The permit holder shall ensure the full operation of the electronic devices at all times during the exercise of this consent. All malfunctions of the electronic devices during the exercise of this consent shall be reported to the Manager, Consents Management, Wellington Regional Council within six hours of observation and appropriate repairs shall be performed within 48 hours or otherwise as soon as practicable following the observation of malfunction.
 - (d) The installation of the electronic devices shall be completed to full and accurate operation within three months of the commencement of this permit.
 - (e) The electronic devices must be operative with uninterrupted power source or backup power source or backup data storage at all times.
 - (f) The electronic devices and data should be safely accessible by the Manager, Consents Management, Wellington Regional Council and/or Wellington Regional Council's appointed contractors at all times.
11. All monitoring methods and procedures shall be to the specific approval of the Manager, Consents Management, Wellington Regional Council.

Reporting conditions

12. The permit holder shall submit the total daily abstraction volumes recorded in accordance with Condition 10 to the Manager, Consents Management, Wellington Regional Council, on a quarterly basis, commencing with the first report within four months of the date of commencement of this permit.
13. 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 8;
 - (b) Details and reasons to support each and every exception of the permit holder abstracting water below the 'best endeavours' minimum flow of 850 L/s.

Review conditions

14. 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 commencement;
 - Every two years following the first anniversary of the date of commencement 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 and which it is appropriate to deal with at a later stage;
 - (b) To review the adequacy of any plans prepared for this permit and/or monitoring requirements so as to incorporate into the permit any modification to any plans or monitoring which may become necessary to deal with any adverse effects on the environment arising from the exercise of this consent, and if necessary to amend those requirements.
15. In addition to Condition 14, 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.