greater WELLINGTON
REGIONAL COUNCIL
Te Pane Matua Taiao

2c Water permit application to take and use groundwater

Please answer all questions fully. Officers from Greater Wellington's Environmental Regulation department are available to assist with filling out this form or to clarify information to include with your application.

This form is required to be filled out in conjunction with Form 1 Resource Consent Application

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Part A: General information on nature and scale of your activity

1. Is this application a renewal of a water permit to take/use groundwater from your bore/well?

Yes ☐ No ☐ If Yes, what is the water permit number? WAR/WGN _____.

2. What is the land use consent (bore permit) number for the bore/well where water will be taken from?

WGN/WAR _____

Note: All bores/wells are required to have a land use consent (bore permit). If a permit for your bore/well has not been obtained you will need to apply for a land use consent (bore permit) as well. Use application form 9.

3. Locality map

Show the location of your proposed abstraction point on an appropriately scaled aerial map/plan. Please show the area to be irrigated (if applicable), the location of any buildings, septic tanks, location of any neighbouring bores/wells, other known abstraction points, freshwater springs, streams, rivers, wetlands that you know of and any other relevant features of the surrounding environment.

4. What is the bore/well number for the bore/well where ground water will be taken from?

_____ (eg, S26/0727)

5. What will be the maximum rate at which water is taken?

_____ litres per second

_____ hours per day

_____ m^3 per year

Note: (1) For **water permits for irrigation use**, the annual quantity will be allocated based on the outcome of an irrigation allocation report. Please include this report with your application. Greater Wellington can provide you with a SPASMO-IR allocation assessment report. Please contact us if you would like us to provide you with an allocation assessment report.

(2) If you require more water than the allocation report suggests you will need to provide adequate justification for the amount of groundwater required in question 7 below.

(3) A year is measured from 1 July to 30 June inclusive.

6. What will groundwater be used for? [Tick the appropriate box(es)]

☐ Industry State type of industry and major use of water: _____

☐ Community State no. of households or population: _____

☐ Other State use: _____

☐ Irrigation State method of irrigation ☐ spray ☐ trickle ☐ border-dyke ☐ other

If spray irrigation, what method of spray irrigation will be used?

☐ centre pivot
☐ travelling irrigator
☐ K line or Bosch sprinklers
☐ other

What is the total area will you be irrigating?

☐ Crop(s) _____ ha Crop type: _____
☐ Pasture _____ ha
☐ Horticulture _____ ha Horticulture type: _____
☐ Other _____ ha Please specify: _____

(Please show clearly the area to be irrigated on a scaled aerial map.)

Please describe the soil type and characteristics for the area to be irrigated below:

_____

_____

_____

_____

7. Please justify the amount of groundwater requested in question 5 above (eg, please provide any usage records/calculations/design relating to the proposed groundwater take). Use a separate sheet if required.

_____

_____

_____

_____

_____

_____

_____

_____

8. Is there a water meter on the bore/well? Yes ☐ No ☐

If Yes, what is the water meter serial number and brand type? _____

If No, when do you plan to install a water meter? _____

Note: The Resource Management (Measurement and Reporting of Water Takes) Regulations 2010 require most water takes of 5 litres per second or more to install a water meter

9. What is the pump make, type and model? _____

What is the maximum capacity of your pump? _____ litres per second

Part B: Assessment of effects on the environment (AEE)

Where your take could have a significant adverse effect on the environment a more detailed environmental assessment is required in accordance with the Fourth Schedule of the Resource Management Act 1991. This will be the case for most new applications. As part of this assessment an aquifer test (pump test) will be required to be done on your bore/well and analysis presented in order to answer the questions detailed below. (Further information on aquifer (pump) tests can be gained from our Environmental Monitoring and Investigations department)

1. Has an aquifer test (pump test) been carried out on your bore/well? Yes ☐ No ☐

(Please provide a copy of your aquifer test or summary details of your aquifer test in the space provided below eg, length of test, pumping rate, drawdown in pumped bore, drawdown in monitored bores, assessment of aquifer transmissivity and storage co-efficient)

2. Please show any of the following on your scaled aerial map

(1) Other bores/wells

(2) All springs and surface waterbodies (including wetlands)

(3) Any septic tanks and/or other waste disposal areas

3. What are the anticipated effects of your proposed groundwater take on nearby bores/wells?

4. What are the anticipated effects of your proposed groundwater take on any springs or surface water bodies (including wetlands)?

5. **What are the anticipated effects of your proposed groundwater take on features within the surrounding environment (eg, stands of native vegetation, waste disposal areas etc.)?**

6. **Is your proposed groundwater take within 1 kilometre of any coastline?** ☐ Yes ☐ No

   If Yes, what are the anticipated effects of your proposed groundwater take on the risk of saltwater intrusion?

7. **Are there any alternative water sources available to you?** Yes ☐ No ☐

   If yes, please explain why you have chosen this option and not alternative options:

Part C: Monitoring and management of your activity

1. **What monitoring and management do you propose to ensure any potential adverse effects on the environment are avoided, remedied or mitigated?**

   (This may include, but is not limited to, what abstraction data you plan to record, when information will be submitted to Greater Wellington, any groundwater levels that may be taken in your or any other bore/well, any monitoring of surface water bodies including wetlands that may be undertaken)