



## 2b Water permit application to take surface water

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**

### Part A: general information on nature and scale of your activity

**1. Is this application a renewal of a water permit to take/use surface water?**

Yes  No  If Yes, what is the water permit number? WAR/WGN \_\_\_\_\_

**2. What is the source of the water (name of stream, river, lake, etc)?**

Note: if the waterway is a drain or unnamed tributary, then what is the name of the stream, river, lake or wetland it flows into?

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**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 will be the maximum rate at which water is taken?**

\_\_\_\_\_ litres per second  
\_\_\_\_\_ hours per day  
\_\_\_\_\_ m<sup>3</sup> 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 surface water required in question 6 below

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

**5. What will the surface water 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  other (state type)

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

- centre pivot
- travelling irrigator
- K line or Bosch sprinklers
- other (state type)

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:

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**6. Please justify the amount of surface water requested in question 4 above? (eg, please provide any usage records/calculations/design relating to the proposed surface water take). Use a separate sheet if required.**

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**7. Is there a water meter installed on the pump?**      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.

- 8. Does the taking of water also involve a:**
- Dam/weir?      Yes       No
  - Diversion?      Yes       No
  - Intake structure/gallery?      Yes       No
  - Other structure?      Yes       No
  - Discharge?      Yes       No
  - River bed or bank excavation?      Yes       No

Note: If you answered yes to any of Question 8 a separate resource consent application may be required.



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## Part B: Assessment of environmental effects (AEE)

Where your take could have a significant adverse effect on the environment a more detailed environmental assessment, including a hydrological report, is required in accordance with the Fourth Schedule of the Resource Management Act 1991.

1. Are there any alternative water sources available to you (eg, groundwater, ponds, lakes, other rivers)? Yes  No

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

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2. There may be other resource users on the stream, river or lake where you propose to take water. Within a reasonable distance (1 kilometre) upstream or downstream of the surface water abstraction point are there any:

Obvious signs of biota (eg, fish, eels, insect life, aquatic plants)? Yes  No

Areas where food is gathered from the stream (eg, watercress, eels, wild fowl, kaimoana)? Yes  No

Wetlands (eg, swamp areas)? Yes  No

Waste discharges (eg, from cow sheds, piggeries, industries, sewage plants)? Yes  No

Recreational activities carried out (eg, swimming, fishing, canoeing)? Yes  No

Areas of particular cultural, spiritual, aesthetic, scientific or amenity value (eg, scenic waterfall, rapids, waahi tapu archaeological sites)? Yes  No

Other takes (eg, for domestic, public water supply, stock, irrigation use)? Yes  No

If you have ticked Yes to any of the above, please provide further details:

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**3. Comment on the possible adverse effects on the environment of the proposed take and any proposed structure described in Question 10 (Part A). Particular attention should be given to the effects on:**

Availability of water to downstream users - Please attach any river/stream flow data or observations which show that there is sufficient water available in the watercourse for all resource users, particularly during summer low flow periods:

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The natural character of the river, lake, or stream and visual aesthetics:

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Cultural, spiritual, historic, recreational, scientific, and/or amenity values:

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Ecology (eg, river and lake habitat, vegetation, fish, and wildlife):

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River flow:

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## Part C: Monitoring and management of your activity

1. **What monitoring/management procedures do you propose to carry out to ensure that your take will avoid, remedy or mitigate any potential adverse effects described in Question 3 (Part B)?**

(This may, but is not limited to, include what abstraction data you plan to record, when information will be submitted to Greater Wellington, any monitoring of surface water bodies including wetlands that may be undertaken)

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2. **What measures will you take during times of water shortage (eg, periods of low flow)?**

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Note: Some of the Wellington Region's stream and river flows are monitored by Greater Wellington. Any low flow restrictions placed on a particular stream or river can be viewed on our website [www.gw.govt.nz](http://www.gw.govt.nz).

3. **Do you have internet access and are prepared to monitor low flows via Greater Wellington's website?\*** Yes  No
- Do you have email access and are prepared to receive email notices of low river flows?\***
- Email: \_\_\_\_\_ Yes  No
- Do you have cell phone text access and are prepared to receive text notices of low river flows?\*** Yes  No
- Cell phone number: \_\_\_\_\_ Yes  No

\*Note: This is only possible for rivers and streams monitored by Greater Wellington and may be trialled at some time in the future