

Form 2b: Water permit application to take/use surface water

Please answer all questions fully. The questions provide a guide in order to satisfy the minimum information requirements that must be included with your application as prescribed in Schedule 4 of the Resource Management Act 1991 (RMA). Depending on the scale of your proposed activity, more detailed information and an Assessment of Environmental Effects (AEE) will be required to support the resource consent application.

Officers from the Greater Wellington Regional Council's (GWRC) Environmental Regulation department are available to assist with filling out this form or to clarify information to include with your application. Up to 1 hour of free pre application advice is available to you.

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?

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, 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

m³ per year

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

Note: Schedule Q in the Proposed Natural Resources Plan outline reasonable and efficient use criteria to be used when submitting consent applications. A water management plan is required for group/community water supplies. A field validated model is required for irrigation use – the Irrigation Reasonable Use Database (at <http://mycatchment.info/>) can be used to justify your irrigation requirements.

6. 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 number 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 _____

Have you changed or upgraded your irrigation system if you already hold a consent? If so please specify how.

What is the total area you will 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:

7. Is there a water meter installed on the pump? Yes No

If Yes, please answer questions 8-12 below

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

8. What is the water meter type? Magflow Ultrasonic
 Mechanical Other: _____

9. What is the water meter serial number and brand type? _____

Is the meter in situ or on a mobile unit? (please tick one)

10. Has the water meter been verified? Yes No

If Yes, who verified the water meter and when?

11. What is the distance between the water meter and the pumping location? _____ metres

Note: Under the Resource Management (Measurement and Reporting of Water Takes) Regulations 2010, approval is required from GWRC if your water meter is located more than 20 metres from the abstraction point.

If the distance identified in D above is greater than 20 metres, please explain why your water meter is located where it is, and mark specifically where your water meter is located in question 13 below:

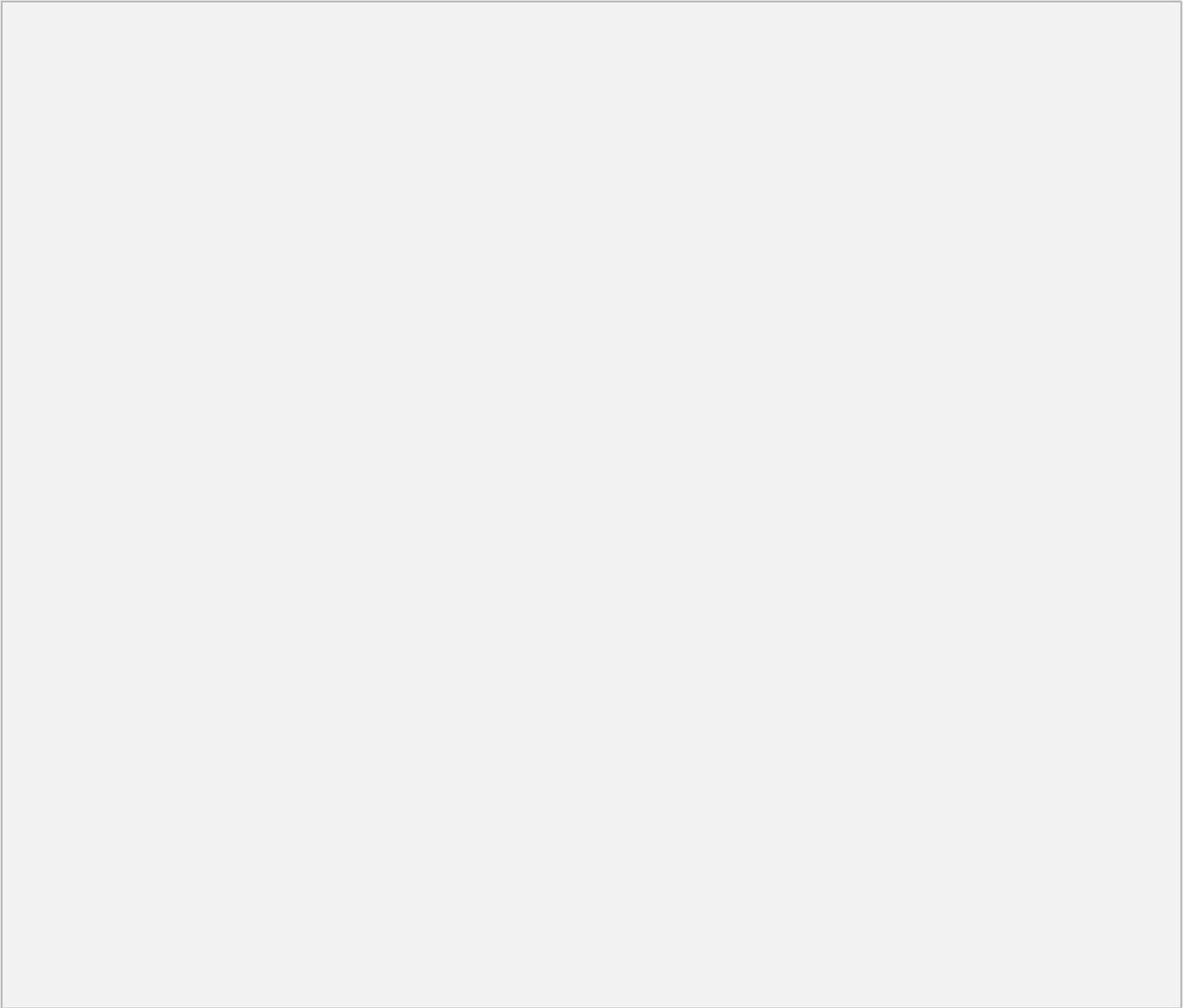
12. What is the pump make, type and model? _____

Is the pump submersible or surface/suction lift? (please tick one)

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

13. Structure details (eg, dam, weir, gallery or intake)

Please describe the structure which facilitates the taking of water and provide a drawing below. (If you hold an existing consent for your activity, please provide photos and/or plans of any structures. If your activity is new, please submit any design drawings for the structure.



Please show all dimensions, and include stream shape, location of pump and any pump shed, position of intake pipe in relation to the stream bank and bed and location of any other structures in the stream. If more space is required for the diagram, please attach a separate sheet to this application form.

14. Is the intake screened?

Yes No

If Yes, what size intake screen is used? (mm x mm)

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

For most new applications and replacement or variation applications where more water is required, a more detailed AEE will be required in order to answer the questions detailed below.

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:

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:

3. Comment on the possible adverse effects on the environment of the proposed take and any proposed structure described in Question 14 (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:

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

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

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

River flow:

Part C: Assessment against statutory documents

1. Part 2 of Resource Management Act 1991 (RMA)

Have you provided an assessment against Part 2 (Purpose and Principles) of the RMA?

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM231904.html>

2. Regional Policy Statement (RPS) & Regional Freshwater Plan (RFP)

Have you provided an assessment of the proposal against the relevant objectives, policies and rules of the Regional Policy Statement (<http://www.gw.govt.nz/rps/>) and Regional Freshwater Plan

(<http://www.gw.govt.nz/Regional-Freshwater-Plan/>)?

3. Proposed Natural Resources Plan (PNRP)

Have you provided an assessment of the proposal against the relevant objectives, policies and rules of the

Proposed Natural Resources Plan? <http://www.gw.govt.nz/proposed-natural-resources-plan/>

4. Other relevant statutory documents

Have you provided an assessment against all other relevant statutory documents? eg, National Policy Statement for Freshwater Management 2014; Resource Management (Measurement and Reporting of Water Takes)

Regulations 2010 (<https://www.mfe.govt.nz/fresh-water/regulations-measurement-and-reporting-water-takes>);

National Environmental Standard for drinking water <http://www.mfe.govt.nz/fresh-water/reform-programme/sources-drinking-water-nes/about-standard>)

5. Permitted activities

Will you be undertaking any permitted activities as part of the proposed activity? (eg, taking domestic/stock water, removal of vegetation from the watercourse, damming or diversion by existing (pre 25/01/1997) structures, minor diversion of water from an intermittently flowing stream). <http://www.gw.govt.nz/regional-plans-policies-and-strategies/>

6. Other activities that are part of the proposal

Are there any other activities that are part of the water take which may require consent? (eg, dam, diversion, intake structure/gallery, other structure, discharge, river bed or bank excavation)

7. Value of investment

If you are applying to replace an existing consent, please provide an assessment of the value of the investment to which the activity relates (eg, value of irrigation infrastructure).

Part D: 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, any monitoring of surface water bodies including wetlands that may be undertaken)

2. If you are required to submit water use records, how will you submit any records to GWRC?

Electronically via a third party data host provider. State your provider

There are a number of companies that host water use data. By ticking this box you agree for that data provider to automatically submit water use records to GWRC's water use data management system. If you do not agree to the data provider submitting water use records, please explain why below:

Electronically GWRC's WATER USE website (<http://wateruse.gw.govt.nz/>)

Other:

If water use records are submitted in a manner that requires entry of individual records into GWRC's water use data management system by GWRC staff, this will incur higher compliance monitoring charges.

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

Note: Some of the Wellington region's stream and river flows are monitored by GWRC. Any low flow restrictions placed on a particular stream or river can be viewed on our website www.gw.govt.nz.

4. Do you have internet access and are prepared to monitor low flows via GWRC's website?*

Yes No

Do you have email access and are prepared to receive email notices of low river flows?*

Yes No

Email:

Do you have cell phone text access and are prepared to receive text notices of low river flows?*

Yes No

Cell phone number:

*Note: This is only possible for rivers and streams monitored by GWRC.