



2 Water permit application to dam water

Use this form for any activity which impounds all or part of the flow of a watercourse.

Please answer all questions fully. You should discuss your application with one of Greater Wellington's resource advisors before completing this form.

Show the location of the activity and adjoining properties on your map on Form 1. Include design plans and details with this application as appropriate.

Part A: general

1. Is the dam: existing or proposed ?

If you are constructing a new dam in a watercourse, a Land Use Consent is also required. Use Application Form No. 10.

2. What is the purpose of the dam (eg, recreation, stock water, irrigation, etc)?

3. What is the name of the watercourse to be dammed?
(If the stream is unnamed, give the name of the watercourse it is a tributary of.)

4. What is the approximate volume of water to be stored by the dam? _____ cubic metres

5. What is the height of the dam crest above the lowest original ground level? _____ metres

6. What is the length of the dam across the watercourse? _____ metres

7. What are the spillway dimensions? Width: _____ metres

Depth: _____ metres

8. Does the dam also involve: Taking water? Yes No

Diverting water? Yes No

Discharging? Yes No

If you answered yes to any of 8 above, a separate consent application may be required.

Part B: assessment of effects on the environment (continued)

6. Will the pond formed cause flooding, loss of access or other problems to neighbouring properties? Yes No

Please describe _____

7. If water is to be taken from the dam, is the dam capable of being filled again each year from the available catchment area? Yes No

Do you have calculations to support this? Yes No

Please describe or attach calculations _____

8. Please attach your calculations which show that the dam and spillway design are adequate, including design flood flows, return periods, etc.

9. Who or what might be affected downstream in the event of dam failure (eg, houses, roads, crops, bridges)?

10. Are there any alternative sites or methods for damming the water? If yes, why have you not chosen any of these?

11. What, if any, monitoring do you propose to carry out to ensure that your dam does not have any adverse effect?

For office use only

Consent No. _____

Renewal: Yes No