











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.

Pa	rt A: genera	ıl						
1.	Is the dam:	existing [or	proposed	d □ ?			
	If you are construc	cting a new dam ir	ı a wat	ercourse, a L	and Use Cons	sent is also required. U	Jse Applicati	on Form No. 10.
2.	What is the pur	pose of the da	m (eg	, recreatio	n, stock wa	ter, irrigation, etc)?	•	
3.	What is the nar					ırse it is a tributary	of.)	
4.	What is the app	oroximate volur	me of	water to b	e stored by	the dam?		cubic metres
5.	What is the hei	ght of the dam	crest	above the	lowest orig	inal ground level?		metres
6.	What is the len	gth of the dam	acros	ss the wate	ercourse?			metres
7.	What are the s	pillway dimensi	ions?			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

Where your diversion 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.

1.	Doe	s the watercourse feeding the dam flow all year?	Yes 🗌	No 🗌
	If no	, what is the approximate length of the dry period? metres		
2.	Will	the damming have an effect on water availability to downstream users?	Yes 🗌	No 🗌
3.	With (1)	in a reasonable distance up or downstream of the dam are there any: Obvious signs of biota (eg, fish, eels, insect life, aquatic plants)? Areas where food is gathered from the stream (eg, watercress, eels,	Yes 🗌	No 🗌
	(-)	wild fowl, kaimoana)?	Yes 🗌	No 🗌
	(3)	Wetlands (eg, swamp areas)?	Yes 🗌	No 🗌
	(4)	Waste discharges (eg, from rural sources, industries, sewage plants)?	Yes 🗌	No 🗌
	(5)	Recreational activities carried out (eg, swimming, fishing, canoeing)?	Yes 🗌	No 🗌
	(6)	Areas of particular aesthetic or scientific value (eg, scenic waterfall, rapids, archaeological sites)?	Yes 🗌	No 🗌
	(7)	Areas or aspects of significance to iwi that you are aware of?	Yes	No 🗌
4.	Have	inue on a separate page if necessary] e you provided any means for fish to bypass the dam		
		fish ladders, elver tubes, etc)?	Yes _	No 📙
	Plea	se describe		
5.		cribe the bed of the watercourse immediately above and below the dam site is it gravelly, muddy or sandy?):		

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 as including design flood flows, return periods, etc.	re adequate,		
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 do adverse effect?	es not have a	any	

For office us	e only	
Consent No.		
Renewal:	Yes 🗌	No 🗌