

# Notification for new structures in the bed of any river or connected area.

### **Required under: Resource Management (National Environmental Standards for Freshwater) Regulations 2020**

From 3 September 2020, new structures on the bed of any river (excluding artificial waterways) or connected area are regulated by the National Environmental Standards for Freshwater (2020).

These structures include:

- Reg 63: culverts
- Reg 64: weirs (excludes customary weirs)
- Reg 65: flat-gates
- Reg 66: dams
- Reg 67: fords

The regulations can be found on the New Zealand Legislation website. Notice of the activity shall occur *within 20 working days after the activity is finished* and must include the information requested in this form as outlined in regulations Reg 62 to Reg 68.

Please provide as much detail as you can where the questions are relevant to your proposed activity or activities. We request that, where possible, you provide electronic copies of any supporting information.

Separate forms should be completed for independent structures.

If you need any further help, please phone 03-520-7400.

Please remember to email your notification to <u>monitoring@marlborough.govt.nz</u> or post to Compliance Monitoring Marlborough District Council, 15 Seymour Street, PO Box 443, Blenheim 7240, New Zealand.

#### 1. Contact Details

Blenheim 7240

Full Name		
Company Name		
Address		
		Post Code:
Phone		
Email		
Contractor (if applicable)		
Address		
		Post Code:
Marlborough District Council PO Box 443	Telephone (03) 520 7400 Website: www.marlborough.govt.nz	

Phone	
Email	
Property owner (if different from the above)	
Address	
	Post Code:
Phone	
Email	
Postal address for service	

Subject to the Local Government Act 2002, all information contained in a submission, including the name and address of the submitter, will be made publicly available. Submitters have the right to access and correct personal information.

#### 2. Site Location

District	
Road name and number / Rapid Number	
Map co-ordinates (NZTM required)	E:
	N:
Notification submission date	
Activity commencement date	
Activity completion date	

Please provide the following information:

a) A description of the activity undertaken.

b) Please provide any additional supporting information, including photos of the structure.

#### 3. Structure General Information

Please provide the following general information about the structure:

What is the structure type?

Culvert	Dam
Weir	Ford
Flap-gate	

Is the structure associated with a resource consent?

- □ Yes
- □ No

Who is the owner of the structure?

If this information is required by a condition in a resource consent, please provide the authorisation (AUTH) number



What are the flow conditions at time of assessment at the location of the structure?

No flow

Unknown

- □ High
- Normal
- □ Low

Is the stream tidally influenced?

- □ Yes
- □ No

What is the stream width from bank to bank at water surface (m)?

What is the stream bed\* width (m)? \* ie, width from top of bank to other top of bank?

Tick any relevant improvements present to enhance fish passage?

Trap and transfer	Spat ropes
Fish friendly flap-gate	Artificial ramp
Fish pass	Rock ramp
Spoiler baffles	Backwatering
Weir baffles	None

Asset I.D. number (if known)

How likely is it that fish passage is restricted by this structure?				
		Very high risk		Low risk
		High risk		Very low risk
		Medium risk		Not assessed
Does	the str	ucture protect particular species or prevent access	of som	e species to protect others?
		Yes		
		No		
		Unknown		
Does the structure include any ramps or aprons?				
		Yes		
		No		
		Unknown		
Are there any wing walls or screens?				

Yes No

Unknown

For the relevant structures identified above, please complete the corresponding section(s) below:

#### **Culverts Reg 63** 4.

Number of barrels that make up the culvert

Culvert Shape

Box

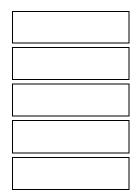
Pipe

Arch

Other

Culvert length (m)

Culvert width (m)



Culvert height (m)

The material from which the culvert is made.

Concrete

Other

- Plastic
- □ Wood
- Metal

Is there a drop at the outlet?

- □ Yes
- □ No

If a drop is present, what is the height of that drop (m)?

If a drop is present, what is the length of the undercut (m)?

Mean depth of water through the culvert (m).

Mean water velocity through the culvert (m/s).

If a drop is present, what is the height of that drop (m)?

If a drop is present, what is the length of the undercut (m)?

Mean water velocity through the culvert (m/s).

Are there any low-velocity zones downstream of the culvert?

□ Yes

□ No

□ Unknown

The type of bed substrate in.

Does the culvert have wetted margins?

□ Yes

□ No

Unknown

The slope of the culvert (°).

Is the culvert parallel to the stream flow?

□ Yes

□ No

□ Unknown

#### 5. Weirs Reg 64

Weir type					
		Sharp crested		V-notch	
		Stepped		Broad crested	
		Crump		Other	
Weir crest shape					
		Overhanging		Sharp/angular	
		Rounded/smooth		Other	

Weir width (m).

Weir height (m).

The material from which the weir is made.

- □ Plastic
- □ Wood
- Metal
- □ Concrete
- □ Other

#### Backwater distance.

- □ >50m
- □ 10-50m
- □ <10m

What substrate is present across most of the weir?

Not observed	Cobbles
Spat rope	Gravel
Spoiler baffles	Sand/silt
Weir baffles	Bare
Bedrock	Other
Boulders	

What is the slope of the downstream weir face (degrees)?

Does the culvert have wetted margins?

- □ Yes
- □ No
- □ Unknown

#### 6. Flap Gates Reg 65

Gate type	Side hung
Sluice	Top hung
Automatic	Other

Gate width (m).

Gate height (m).

#### 7. Fords Reg 66

Dam height (m).

Spillway present?

□ Yes

□ No

## 8. Fords Reg 67

Ford's length (m).

Ford's width (m).

Where there is a downstream drop, the height (m).

The material from which the ford is made.

🗌 Pla	stic
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- □ Wood
- Metal
- □ Concrete
- □ Other

The type of bed substrate across most of the ford.

Not observed	Cobbles
Spat rope	Gravel
Spoiler baffles	Sand/silt
Weir baffles	Bare
Bedrock	Other
Boulders	