NOTIFICATION FOR NEW STRUCTURES IN THE BED OF ANY RIVER OR CONNECTED AREA

NATIONAL ENVIRONMENTAL STANDARDS FOR FRESHWATER

REGULATIONS 2020

NOTES

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:

- culverts
- weirs (excludes customary weirs)
- flap-gates
- dams
- 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 62 to 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 our Resource Use staff on 0800 800 402.
- Please remember to email your notification to RM.Requests@waikatoregion.govt.nz or by post to Waikato Regional Council, Private Bag 3038, Waikato Mail Centre, Hamilton 3240.

CONTACT DETAILS

Name	
Company	
Details	**Contact:**
	Phone:
	Email:
Contractor (if applicable)	
Details	**Contact:**
	Phone:
	Email:
Property owner (if different from the above)	

Details	**Address:**
	Phone:
	Email:
Postal address for service	

SITE AND LOCATION

District	
Road name and Rapid number	
Map coordinates (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.

STRUCTURE GENERAL INFORMATION

Please provide the following general information about the structure:

What is the structure type?	☒ Culvert ☐ Weir ☐ Flap-gate ☐ Dam ☐ Ford
Who is the owner of the structure?	
Is the structure associated with a resource consent?	☐ Yes ☐ No
If this information is required by a condition in a resource consent, please provide the authorisation (AUTH) number on the consent.	
What are the flow conditions* at the location of the structure? *** at time of assessment**	☐ High ☐ Normal ☐ Low ☐ No flow ☐ Unknown
Is the stream tidally influenced?	☐ Yes ☐ No ☐ Unknown
What is the stream width from bank to bank at water surface (m)?	
What is the stream bed* width (m)? ***i.e. width from top of bank to other top of bank**	
Tick any relevant improvements present to enhance fish passage?	☐ Trap and transfer ☐ Fish friendly flap-gate ☐ Fish pass ☐ Spoiler baffles ☐ Weir baffles ☐ Spat ropes ☐ Artificial ramp ☐ Rock ramp ☐ Backwatering ☐ None
Asset I.D number (if known)	

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

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

CULVERTS

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.	☐ Plastic ☐ Wood ☐ Metal ☐ Concrete ☐ Other

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).	
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

WEIRS

Weir type	☐ Sharp crested ☐ Stepped ☐ Crump ☐ V-notch ☐ Broad crested ☐ Other
Weir crest shape	☐ Overhanging ☐ Rounded/smooth ☐ Sharp/angular ☐ 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 ☐ Spat rope ☐ Spoiler baffles ☐ Weir baffles ☐ Bedrock ☐ Boulders ☐ Cobbles ☐ Gravel ☐ Sand/silt ☐ Bare ☐ Other
What is the slope of the downstream weir face (degrees)?	
Does the culvert have wetted margins?	☐ Yes ☐ No ☐ Unknown

FLAP-GATES

Gate type	☐ Sluice ☐ Automatic ☐ Side hung ☐ Top hung ☐ Other
Gate width (m).	
Gate height (m).	

The material from which the flap-gate is made.	☐ Plastic ☐ Wood ☐ Metal ☐ Concrete ☐ Other

DAMS

Dam height (m).	
Spillway present?	☐ Yes ☐ No

FORDS

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.	☐ Plastic ☐ Wood ☐ Metal ☐ Concrete ☐ Other
The type of bed substrate across most of the ford.	☐ Not observed ☐ Spat rope ☐ Spoiler baffles ☐ Weir baffles ☐ Bedrock ☐ Boulders ☐ Cobbles ☐ Gravel ☐ Sand/silt ☐ Bare ☐ Other

Privacy Statement

Waikato Regional Council requires this information to process the notification of your permitted activity and assist in managing the region's natural and physical resources. Information in this notification is regarded as **official information**.

Council will hold this information, including all associated attachments, and it is subject to the Local Government Official Information and Meetings Act 1987 and the Privacy Act 2020. The details may also be made available to the public.

Under the Privacy Act 2020 you have the right of access to, and correction of, personal information held by the Waikato Regional Coun**cil.**