

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 800 401.
- 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) | |

STRUCTURE GENERAL INFORMATION

Please provide the following general information about the structure:

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| What is the structure type? | <input type="checkbox"/> Culvert <input type="checkbox"/> Weir <input type="checkbox"/> Flap-gate <input type="checkbox"/> Dam <input type="checkbox"/> Ford |
| Who is the owner of the structure? | |
| Is the structure associated with a resource consent? | <input type="checkbox"/> Yes <input type="checkbox"/> 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 | <input type="checkbox"/> High <input type="checkbox"/> Normal <input type="checkbox"/> Low <input type="checkbox"/> No flow <input type="checkbox"/> Unknown |
| Is the stream tidally influenced? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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? | <input type="checkbox"/> Trap and transfer <input type="checkbox"/> Fish friendly flap-gate <input type="checkbox"/> Fish pass <input type="checkbox"/> Spoiler baffles <input type="checkbox"/> Weir baffles <input type="checkbox"/> Spat ropes <input type="checkbox"/> Artificial ramp <input type="checkbox"/> Rock ramp <input type="checkbox"/> Backwatering <input type="checkbox"/> None |
| Asset I.D number (if known) | |

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

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

CULVERTS

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| Number of barrels that make up the culvert | |
| Culvert shape | <input type="checkbox"/> Box <input type="checkbox"/> Pipe <input type="checkbox"/> Arch <input type="checkbox"/> Other |
| Culvert length (m) | |
| Culvert width (m) | |
| Culvert height (m) | |
| The material from which the culvert is made. | <input type="checkbox"/> Plastic <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Concrete <input type="checkbox"/> Other |

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| Is there a drop at the outlet? | <input type="checkbox"/> Yes <input type="checkbox"/> 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? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown |
| The type of bed substrate in. | |
| Does the culvert have wetted margins? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown |
| The slope of the culvert (°). | |
| Is the culvert parallel to the stream flow? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown |

WEIRS

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| Weir type | <input type="checkbox"/> Sharp crested <input type="checkbox"/> Stepped <input type="checkbox"/> Crump <input type="checkbox"/> V-notch <input type="checkbox"/> Broad crested <input type="checkbox"/> Other |
| Weir crest shape | <input type="checkbox"/> Overhanging <input type="checkbox"/> Rounded/smooth <input type="checkbox"/> Sharp/angular <input type="checkbox"/> Other |
| Weir width (m). | |
| Weir height (m). | |

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| The material from which the weir is made. | <input type="checkbox"/> Plastic <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Concrete <input type="checkbox"/> Other |
| Backwater distance. | <input type="checkbox"/> >50m <input type="checkbox"/> 10-50m <input type="checkbox"/> <10m |
| What substrate is present across most of the weir? | <input type="checkbox"/> Not observed <input type="checkbox"/> Spat rope <input type="checkbox"/> Spoiler baffles <input type="checkbox"/> Weir baffles <input type="checkbox"/> Bedrock <input type="checkbox"/> Boulders <input type="checkbox"/> Cobbles <input type="checkbox"/> Gravel <input type="checkbox"/> Sand/silt <input type="checkbox"/> Bare <input type="checkbox"/> Other |
| What is the slope of the downstream weir face (degrees)? | |
| Does the culvert have wetted margins? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown |

FLAP-GATES

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| Gate type | <input type="checkbox"/> Sluice <input type="checkbox"/> Automatic <input type="checkbox"/> Side hung <input type="checkbox"/> Top hung <input type="checkbox"/> Other |
| Gate width (m). | |
| Gate height (m). | |

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| The material from which the flap-gate is made. | <input type="checkbox"/> Plastic <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Concrete <input type="checkbox"/> Other |
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DAMS

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| Dam height (m). | |
| Spillway present? | <input type="checkbox"/> Yes <input type="checkbox"/> No |

FORDS

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| 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. | <input type="checkbox"/> Plastic <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Concrete <input type="checkbox"/> Other |
| The type of bed substrate across most of the ford. | <input type="checkbox"/> Not observed <input type="checkbox"/> Spat rope <input type="checkbox"/> Spoiler baffles <input type="checkbox"/> Weir baffles <input type="checkbox"/> Bedrock <input type="checkbox"/> Boulders <input type="checkbox"/> Cobbles <input type="checkbox"/> Gravel <input type="checkbox"/> Sand/silt <input type="checkbox"/> Bare <input type="checkbox"/> 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 Council.