

CHAPTER 32: INFORMATION REQUIRED WITH PERMIT APPLICATIONS FOR TAKING, USING, DAMMING OR DIVERTING WATER

32.1 SCOPE OF CHAPTER 32

This chapter gives guidelines for the information that may be required to accompany applications to take, use, dam or divert water. The matters listed may not be relevant to every application, nor are they an exhaustive list. The obligation remains with the applicant to provide sufficient information to meet the requirements of Section 88 and the Fourth Schedule of the Act. In all cases, Council may request further information under Section 92 of the Act.

Advice Notes:

NES-FW (ca)
12/20

1. The Resource Management (National Environmental Standard for Freshwater) Regulations 2020 may apply to some activities, including farming activities and activities in or near wetlands and rivers. The National Environmental Standard may alter the activity status of an activity and impose additional standards, information requirements, matters for assessment and criteria. Please ensure you have met any requirements in the regulations in addition to those in this plan.
2. Resource Management (Measurement and Reporting of Water Takes) Amendment Regulations 2020 apply to water takes. The regulations may impose additional standards and requirements. Please ensure you have met any requirements in the regulations in addition to those in this plan.

32.2 GENERAL INFORMATION REQUIRED FOR TAKING, USING, DAMMING OR DIVERTING WATER

Applicants must submit the following information when seeking consent:

- 32.2.1 Location of proposed take, use, dam or divert activity, including legal description and address.
- 32.2.2 Name and address of the owner and occupier (other than the applicant) of any site to which the application relates.
- 32.2.3 A site plan showing, where appropriate, details of:
 - (a) property boundaries and ownership of adjoining land or sites
 - (b) public roads
 - (c) drains
 - (d) water courses
 - (e) bores
 - (f) wetlands, lakes and other water bodies
 - (g) position of other existing water takes
 - (h) topography.
- 32.2.4 Details of any other resource consent that may be required, whether such a consent has been applied for or obtained.
- 32.2.5 An assessment of any actual or potential effects on other uses and values of the water body or coastal water, such as:
 - (a) aquatic ecosystems, including aquatic plants, eels and other indigenous fisheries, trout fisheries and other wildlife;

- (b) landscape, cultural, social, recreational and amenity values;
- (c) human health, etc.;
- (d) riparian margins.

32.2.6 Details of any measures taken to avoid, remedy or mitigate adverse effects.

32.2.7 Details of any consultation undertaken with any person or body likely to be affected.

32.2.8 Any other information that is necessary to understand the application.

Note: Section 32.2 is applicable to the coastal marine area but is not part of the Regional Coastal Plan.

32.3 ADDITIONAL INFORMATION REQUIRED FOR TAKING OR USING WATER

32.3.1 Name of water body from which water is to be taken.

32.3.2 For groundwater takes state:

- (a) depth (from ground level) to bottom of bore;
- (b) depth (from ground level) to top and bottom of screen;
- (c) bore's reference number;
- (d) bore's permit number;
- (e) distance to any adjacent bore;
- (f) results of pump tests, including step drawdown test to assess well performance and well yield, constant discharge pump test and results for any monitoring piezometers necessary to assess localised drawdown and long-term effects on nearby bores. C24 12/08
Op 8/14

32.3.3 For take and use of water especially where natural ground or surface water supplies are augmented or where use of water may adversely affect water quality: C47 4/13
Op 9/15

- (a) a map or description of the intended uses of water including, for irrigation uses, a description of the areas and types of crops or land uses to be irrigated;
- (b) an irrigation management plan relevant to the property where the water is to be taken and used demonstrating how water will be taken and used efficiently; and
- (c) in the zones augmented by the Lee Dam, evidence that the rate of use applied for does not exceed the rate of take represented by the equivalent amount:
 - (i) for which the property is rated; or
 - (ii) for which a relevant water supply agreement is held with the Waimea Community Dam Limited.

32.3.4 The proposed use of water and information to demonstrate the need for water. C23 7/08
Op 8/14

32.3.5 For irrigation and frost protection state: C24 12/08
Op 8/14

- (a) area to be irrigated;
- (b) soil types being irrigated;
- (c) maximum quantities required;
- (d) whether there are alternative sources of water available;
- (e) type of application system; C24 12/08 Op 8/14

- (f) measures taken to ensure efficient use of water;
- (g) method used to measure and record abstraction rate;
- (h) measures taken to conserve water use;
- (i) measures used to prevent adverse effects, such as ponding and runoff when using water for frost protection. C24 12/08
Op 8/14
- 32.3.6** For applications to take water for community water supply information about: C23/C24
Op 8/14
- (a) the likely increase in demand as a result of projected population growth during the term of the permit being sought;
- (b) how the projected demand for water is to be provided over time;
- (c) measures to manage demand including water metres, water saving technology and processes for both domestic and any industrial or commercial end uses, restricted supplies and pressure control;
- (d) provisions to manage reduced availability during periods of drought or low flow;
- (e) provisions for leakage control.
- 32.3.7** For other uses state:
- (i) maximum quantities required;
- (ii) whether there are alternative sources of water available;
- (iii) measures taken to ensure efficient use of water;
- (iv) method used to measure and record abstraction rate;
- (v) measures taken to conserve water use.
- 32.3.8** For any water take where the water resource has been augmented by a dam or other augmentation scheme, information about the nature and extent of any water supply agreement or similar agreement in relation to the dam or any other contribution to the construction, operation and maintenance of an augmentation scheme or affiliation to a scheme that enables access to the augmented water flows. C56 9/15
Op 9/16

Note: Section 32.3 is applicable to the coastal marine area but is not part of the Regional Coastal Plan.

32.4 ADDITIONAL INFORMATION REQUIRED FOR DAMMING OR DIVERTING WATER

- 32.4.1** A plan of any structure to be constructed or earthworks to be carried out.
- 32.4.2** A description of the water body being dammed or diverted, including existing surface and groundwater levels and flow paths.
- 32.4.3** The effects of the damming or diverting on water levels of any affected water body or any actual or potential risks of flooding, erosion or damage to adjoining property.
- 32.4.4** Details about degree of compliance with the current NZ Society of Large Dams (NZSOLD) Guidelines.
- 32.4.5** Any effect of diversion of inshore coastal water. RCP Op 10/11

Note: Requirements 32.4.1 to 32.4.4 are applicable to the coastal marine area but are not part of the Regional Coastal Plan.

32.5 ADDITIONAL INFORMATION REQUIRED FOR WETLAND DRAINAGE OR INFILLING

- 32.5.1 The degree of modification from its natural state.
- 32.5.2 The biological diversity or uniqueness of species or habitats.
- 32.5.3 The presence and quality of indigenous vegetation.
- 32.5.4 Its hydrological connectivity with other water bodies.
- 32.5.5 Any significant scientific, educational, recreational, aesthetic or intrinsic value.
- 32.5.6 Any cultural or spiritual values.
- 32.5.7 Any measures to mitigate or remedy adverse effects.