

CHAPTER 37: INFORMATION REQUIRED WITH DISCHARGE PERMIT APPLICATIONS

37.1 SCOPE OF CHAPTER 37

This Chapter gives guidelines for the information that may be required to accompany discharge permit or coastal permit applications for discharge activities. The matters listed will not all be relevant to every application, nor are they an exhaustive list. The obligation remains with applicants 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 Note: 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. NES-FW (ca)
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37.2 GENERAL INFORMATION REQUIRED FOR DISCHARGES

Applicants must submit the following information when seeking any discharge consent (with the exception of permits for discharges from aquaculture, which are covered under Chapter 37.2A): RCP
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- 37.2.1** Location of proposed discharge activity, including legal description and address.
- 37.2.2** Name and address of the owner and occupier (other than the applicant) of any site to which the application relates.
- 37.2.3** A site plan showing, where appropriate, details of:
- (a) discharge treatment and disposal system layout;
 - (b) existing or proposed pipelines, chimneys, plant and facilities;
 - (c) property boundaries and ownership of adjoining land or sites;
 - (d) public roads;
 - (e) drains, watercourses, wells, sinkholes and other karst features, wetlands, lakes, and other water bodies;
 - (f) proximity to coast;
 - (g) topography;
 - (h) stormwater collection, treatment and disposal systems and discharge points.
- 37.2.4** Details of any management plan for the operation and maintenance of the discharge, including any waste treatment and disposal systems or pesticide discharge spray plans.
- 37.2.5** Details of any other resource consent that may be required and whether such consent has been applied for or obtained.
- 37.2.6** The proximity of the discharge to any other contaminant discharges in the vicinity affecting the same receiving environment.
- 37.2.7** A description of any possible changes to the nature, volume, or rate of the discharge that might result from failure or breakdown of equipment, accidental spill or discharge, natural hazard such as flooding, industrial action, or a similar event, and the contingency measures that have been developed to deal with such situations.

- 37.2.8** An assessment of any actual or potential effects of the discharge on the environment, including visual impact and effects on amenity values, human health, ecosystems, including karst terrain, flora and fauna. Such an assessment shall be in such detail as corresponds with the scale and significance of the actual or potential effects that the activity may have on the environment and must be prepared in accordance with the Fourth Schedule of the Resource Management Act 1991.
- 37.2.9** Details of any consultation undertaken with any person or body likely to be affected.
- 37.2.10** Other information that is necessary to understand the application.
- 37.2.11** Information to show compliance with performance standards and conditions relating to the use and storage of hazardous substances.
- 37.2.12** Detail of low impact design solutions in the management of stormwater.
- 37.2.13** Detail of the degree of land cover change or change to land use that may be associated with the subject site and discharge activity.
- 37.2.14** Information to demonstrate that the proposed method of disposal will not result in an increased risk of slope instability or raised groundwater levels that result in an increased risk of slope failure or loss of amenity.
- 37.2.15** Detail regarding the methods and solutions used to avoid, remedy or mitigate actual and potential effects on stormwater flow, water quality and sedimentation effects.
- 37.2.16** Where the discharge is the result of a subdivision activity, information to satisfy sections 19.2.2.10 to 19.2.2.12.
- 37.2.17** Information to show how the proposed management of stormwater is consistent with the Tasman District Engineering Standards, current at the time of application.
- 37.2.18** Information about the range of naturally occurring groundwater levels where soakage to ground is to be used as all or part of the proposed methods of stormwater management.

Note: Section 37.2 is applicable to the coastal marine area but is not part of the Regional Coastal Plan.

37.2A ADDITIONAL INFORMATION REQUIRED FOR DISCHARGES FROM AQUACULTURE

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Applicants for coastal permits for discharges from aquaculture must submit information on matters (a) to (k) below.

- 37.2A.1** A description of the proposed activity, including:
- (a) site identification (latitude and longitude), location of discharge, and the location of monitoring control sites;
 - (b) species, method, structures and equipment;
 - (c) site plan and development programme, including stocking intensity and density of structures placement;
 - (d) type, volume, rate, and frequency of discharges of feed, therapeutants, contaminants arising from anti-fouling protection measures, and any other contaminant arising from aquaculture;
 - (e) composition and origin of feed and therapeutants.

- 37.2A.2** A description of the hydrodynamic and hydrographic properties of the site and in its vicinity, including:
- (a) water depth;
 - (b) current velocities, over at least one neap/spring tide cycle, and their ability to:
 - (i) replenish the site with nutrients;
 - (ii) disperse material released by the aquaculture activity;
 - (c) temperature;
 - (d) salinity;
 - (e) density;
 - (f) stratification of any of the above parameters;
 - (g) general water quality, including the influence of rivers and discharges from land;
 - (h) wind and wave conditions.
- 37.2A.3** A description of the benthic environment and variability within the application area and at monitoring control sites, including:
- (a) substrate characteristics:
 - (i) physico-chemical characteristics;
 - (ii) sediment size, type, and variability;
 - (iii) whether it is typical, unusual, or rare.
 - (b) epifauna and infauna:
 - (i) distribution and relative abundance of species;
 - (ii) dominant or characteristic species;
 - (iii) vulnerable species, or species under stress;
 - (iv) species of particular ecological value.
- 37.2A.4** A description of effects of the activity, including:
- (a) on water and sediment quality (including effects outlined in section 107 of the Act);
 - (b) from the interaction between or combinations of discharges of feed, therapeutants, contaminants arising from anti-fouling protection measures and/or other contaminants;
 - (c) persistence and potential bioaccumulation of contaminants;
 - (d) deposition of material onto the seabed;
 - (e) on habitat and species;
 - (f) on natural character and amenity values;
 - (g) on other aquaculture activities in the same or adjoining subzones;
 - (h) cumulative effects;
- and including an assessment of the mixing zone and an assessment of the extent to which effects are likely to occur beyond the application site.
- 37.2A.5** A description of a monitoring and review process appropriate to the discharge from aquaculture and to the nature of the site, taking into account any prior use of the site for aquaculture activities.

- 37.2A.6** An analysis of the best practicable option for preventing or minimising any actual or potential effect of the discharge on the environment.
- 37.2A.7** A description of the ways in which the activity will affect Treaty values.
- 37.2A.8** Details of any management plan for the operation and maintenance of the discharge including any waste treatment and disposal systems.
- 37.2A.9** The proximity of the discharge to any other contaminant discharges in the vicinity affecting the same receiving environment.
- 37.2A.10** A description of any possible changes to the nature, volume or rate of the discharge that might result from failure or breakdown of equipment, accidental spill or discharge, natural hazards, and the contingency measures that have been developed to deal with such situations.
- 37.2A.11** Details of expected mortality rates and proposed procedures for recovering and disposing of dead stock.

37.3 ADDITIONAL INFORMATION REQUIRED FOR DISCHARGES TO LAND

- 37.3.1** A description of the nature of the discharge, including:
- types and quantities of contaminants in the discharge;
 - quantities to be discharged;
 - rate, frequency and duration of the discharge.
- 37.3.2** A description of any treatment prior to the proposed discharge.
- 37.3.3** A description of the disposal area, including size, vegetation cover, soil type and geology underlying the disposal area.
- 37.3.4** Details of groundwater levels and direction of flow and how groundwater quality may be affected by the discharge.
- 37.3.5** Details and results of any soakage tests.
- 37.3.6** Details of any water balance assessment (if appropriate).
- 37.3.7** For discharges of domestic wastewater, a site and soil evaluation that provides:
- sufficient information to identify factors that must be taken into account when selecting and designing a wastewater disposal system;
 - the location of an area or areas suitable for on-site disposal of wastewater;
 - identification of preferred types of treatment systems that take into account any site limitations identified and that enable compliance with the wastewater discharge requirements of the Plan.

37.4 ADDITIONAL INFORMATION REQUIRED FOR DISCHARGES TO WATER

- 37.4.1** A description of the nature of the discharge, including:
- types and quantities of contaminants in the discharge;
 - quantities to be discharged;
 - rate, frequency and duration of the discharge.

37.4.2 A description of any treatment prior to the proposed discharge.

37.4.3 A description of the receiving water, including:

- (a) dilution effects of water currents and volumes;
- (b) stream bed, lake or coastal substrate;
- (c) vegetation, including instream and on riparian margins;
- (d) aquatic life and ecosystems.

37.4.4 A description of the outfall and how the discharge will mix with the receiving water.

Note: Section 37.4 is applicable to the coastal marine area but is not part of the Regional Coastal Plan.

37.5 ADDITIONAL INFORMATION REQUIRED FOR DISCHARGES TO AIR

37.5.1 A description of the process giving rise to the discharge activity, including:

- (a) type and quantity of raw material, intermediate products, final products, by-products and waste streams;
- (b) sources of air emissions;
- (c) points or areas of actual discharges.

37.5.2 A description of all discharges to air, including odour, from the activity, including:

- (a) types;
- (b) maximum and average discharge quantities and/or concentrations;
- (c) duration and frequency of discharge, and variations over time;
- (d) emission controls and monitoring;
- (e) stack height in relation to building height and ground level;
- (f) proximity and configuration, including height, of significant buildings on the same and adjoining sites in relation to stack;
- (g) any dispersion equipment that may be attached to discharge points;
- (h) fuel type and quantity, and heat output rating.

37.5.3 A description of the receiving environment, including:

- (a) whether there are any other air discharges, including on the same property, that may affect the proposed activity or quality of the receiving environment;
- (b) climatic conditions;
- (c) meteorological conditions, including prevailing wind speed, direction and frequency;
- (d) the proximity of potentially affected parties to the proposed activity;
- (e) the proximity of the discharge to any sensitive receiving environment, including the Richmond Airshed.

37.5.4 Mitigation measures proposed, including the potential for reducing the quantity, or improving the quality, of the discharge at source.

37.5.5 For any discharge that is likely to have a significant effect on ambient air quality, including any discharge containing PM₁₀ to the Richmond Airshed that is more than 2 percent of the total PM₁₀ discharged into the Airshed, the results of emissions testing and atmospheric dispersion modelling and a description of the detailed input parameters used in the modelling.

Note: The significance of a PM₁₀ contribution can be calculated for small-scale boilers using standard emission rates and actual fuel and operation data. This is compared with the total PM₁₀ being discharged into the Airshed which is available from the Council's most recently completed emissions inventory for PM₁₀.

- 37.5.6** The results of any emission testing undertaken and any atmospheric dispersion modelling undertaken and the detailed input parameters used in the modelling.
- 37.5.7** For applications to discharge pesticides, the training and qualifications of the operator.
- 37.5.8** If appropriate, an explanation of why the applicant considers the activity proposed is the best practicable option. This will include an assessment of alternative process controls, discharge locations, process methods, and process materials.
- 37.5.9** Proposed monitoring procedures.