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General Information Required in all Applications for Coastal Permits (Where applicable)

Customary Marine Title Groups

All applicants for coastal permits will need to consider if their application is within an area covered by either a Customary Marine Title (CMT) applicant group or groups, or a CMT holder or holders.

Environment Southland has a webpage dedicated to Customary Marine Title groups, please refer to it here:

<https://www.es.govt.nz/environment/consents/customary-marine-title>

Environment Southland must return applications as incomplete if they do not include evidence of notification and the seeking of views with all relevant CMT applicants.

Fourth Schedule to the Resource Management Act 1991

Sections 88(4)(c) and 88 (7), and the Fourth Schedule to the Resource Management Act 1991, require certain information to be submitted with any application for a resource consent. In addition Environment Southland (the Southland Regional Council) shall also require the following information to be submitted with any application for a resource consent. Any repetition of information required by the Fourth Schedule is for the purposes of clarity and certainty.

- (1) The name of the applicant and the name of the owner or occupier if different.
- (2) The address and contact telephone and/or fax number of the applicant, owner or occupier.
- (3) A description of the purpose of the proposed activity and the reasons why the activity needs to be undertaken in the coastal marine area.
- (4) The location of the proposed activity together with a plan, showing its site, (where appropriate the site should be shown on a hydrographic chart), a site plan including engineering drawings, legal description, and relevant map references.
- (5) The size of the area required by the proposed activity, in hectares or square metres.
- (6) The results of consultation with takata whenua including whether or not there are any issues, including wahi tapu, wahi taoka, mahika kai, tauraka waka and customary use of water by kai

tahu. (Include names of those people consulted).

- (7) The extent of consultation undertaken (with adjacent landowners, council staff, etc.) and the outcome of that consultation.
- (8) The intended timing, frequency and duration of the proposed activity.
- (9) A statement specifying all other resource consents that the applicant may require from any consent authority in respect of the activity to which the application relates and whether or not the applicant has applied for, or obtained such consents.
- (10) A description of current uses of the area where it is proposed that the activity will occur. This includes commercial and recreational uses and who the users are.
- (11) A description of the use of the area adjacent to where the activity will occur.
- (12) If there are any potential significant adverse effects, a description of possible alternative locations or methods for undertaking the activity and the reasons for making the proposed choice.
- (13) The way in which adverse effects will be avoided, remedied or mitigated including how any waste is to be disposed of (hazardous and non-hazardous).
- (14) A description of the effects on people and communities and their economic wellbeing.
- (15) A description of the extent to which the activity will affect the:
 - amenity values,
 - intrinsic values,
 - historic values,
 - landscape values, and
 - the natural character of the coastal marine area.
- (16) A description of the extent to which noise is likely to be generated by the proposed activity within the coastal marine area.
- (17) A description of the extent to which any species, communities or habitats of indigenous flora and fauna will be affected by the proposed activity. This should include the Identification of any areas likely to be affected that contain habitats of species important to commercial, recreational, traditional or cultural purposes.
- (18) A description of any planting involved in the proposed activity, including the scientific name of the plant, the source of any indigenous plants (whether local genetic stock), the area to be planted in hectares or square metres.
- (19) A description of the anticipated effect of the proposed activity on public access to and along the coastal marine area, including a description of:
 - (a) the degree to which occupation of the coastal marine area is required for the proposed activity and the extent to which members of the public would be excluded or restricted from the area, this includes any effects on anchorages, wharves, moorings and safe havens; and
 - (b) where existing public access would be excluded or restricted as a result of the proposed activity, a description of the methods, if any, proposed to bring about improved access elsewhere.
- (20) A description of the extent to which the proposed activity involves the taking, use, damming or

diversion of coastal water.

- (21) A description of the extent to which the proposed activity will result in the alteration of the foreshore or seabed including any:
- (a) reclamation; or
 - (b) removal of sand, shingle, shell or other natural material; or
 - (c) disturbance of the foreshore and seabed including dredging, drilling, excavating and tunnelling; or
 - (d) deposition or burial of natural material.
- (22) A description of the extent to which the proposed activity will involve any use or alteration of any structure, including any:
- (a) Erection or placement; or
 - (b) Extension, alteration, replacement or reconstruction; or
 - (c) Demolition or removal; or
 - (d) Any change in colour
- (23) A description of the extent to which the proposed activity will affect and be affected by coastal processes occurring in the area, for example, wind, sea level rise, storm surge, storm frequency, tsunamis, tides, currents, land subsidence etc.
- (24) A description of the effect of the activity on navigation safety and the extent to which navigation safety issues have been addressed. This would include a description of how the activity is identifiable by vessels using the area e.g. lights, buoys.
- (25) Where the scale or significance of the activity's effect are such that monitoring is required, a description of how, once the proposal is approved, effects will be monitored and by whom. Wherever possible, a control site should be studied and monitored in the same manner as the site that will host the activity.

Structures

Placement or Modification

In addition to the general information required, where the proposed activity involves the:

- (a) erection or placement; or
- (b) extension, alteration, replacement or reconstruction of a structure;

then the following information shall also be supplied:

- (1) a description of the structures' dimensions, the number of structures involved and the colour of the structure.
- (2) whether or not the structure (proposed for modification) or any proposed site for a new structure is registered as an archaeological site in the coastal marine area
- (3) a description of the proposed method of construction including:
 - (a) the material to be used to erect or place, or extend, alter, replace or reconstruct the structure; and

- (b) the equipment to be used; and
 - (c) a construction plan; and
 - (d) anchoring and tethering systems; and
 - (e) design life of structures.
- (4) an assessment of the visual effect of the erection or placement, or extension, alteration, replacement or reconstruction of the structure on the existing character of the area.
 - (5) an assessment of the likely effect of the erection or placement, or extension, alteration, replacement or reconstruction of the structure on any natural physical coastal processes operating in the area.
 - (6) an assessment of the need for a permanent structure rather than a temporary one.
 - (7) a description of any hazardous substances, chemicals or other potential contaminants to be used or stored on or within the structure.

Demolition or Removal

In addition to the general information required, where the proposed activity involves the demolition or removal of a structure, the following information will also be required:

- (1) a description of the structure, including materials, to be removed including a description of its former purpose, use and age and whether the structure has any archaeological significance.
- (2) evidence that the existing authorised owner of the structure, if known, has given their approval to the demolition and removal.
- (3) a description of the extent to which all or part of the structure is to be demolished or removed.
- (4) a description of the methods to be used to remove the structure and the anticipated disturbance of the foreshore or seabed resulting from that removal.
- (5) a description of how the materials from the structure will be disposed of.
- (6) an assessment of the likely effect of the removal of the structure on any natural physical coastal processes operating in the area.

Alteration of the Foreshore and Seabed

Reclamation

In addition to the general information required, where the proposed activity involves the reclamation of the foreshore or seabed, the following information will be required:

- (1) a description of the purpose and the reasons for the reclamation and the uses to which it will be put.
- (2) an assessment of alternatives, including increased use of existing facilities through:
 - changing of operational practices or methods; or
 - upgrading of berths; or

- relocating activities that do not require a site in or adjacent to the coastal marine area; and
 - the reasons why a reclamation is required in the location chosen and the use it will be put to.
- (3) a description of the proposed method of construction including:
- (a) the material to be used in the reclamation; and
 - (b) the equipment to be used.
- (4) a description of the existing environment, including:
- (a) a physical description; and
 - (b) the hydrology and sediment regime including modelling of sediments and currents; and
 - (c) the water quality; and
 - (d) the ecosystems; and
 - (e) current uses (for example, recreation, amenity, etc.)

Removal

In addition to the general information required, where the proposed activity involves the removal of sand, shingle, shell or other natural material, the following information will be required:

- (1) a description of the composition of the material to be removed, including geological source.
- (2) a description of the proposed use of the sand, shingle, shell or other natural material.
- (3) the volume of material proposed to be removed, in terms of a total annual volume, and in terms of daily amounts (where applicable).
- (4) a description of the period over which the removal will occur, and the frequency of removal in any 12 month period.
- (5) a description of the methods to be used to remove the material.
- (6) an assessment of alternatives that have been considered to the proposed removal and the reasons why the removal is required from the location chosen.
- (7) an assessment of the overall sediment system including sediment budgets for the area: contributing sources for sediments, the rate and direction of any longshore, offshore/onshore drift, an assessment of the rate of any accretion or erosion that may be occurring over at least 50 years and preferably from earliest survey records (if applicable), any known affects of various climatic systems such as El Nino and La Nina on sediment systems and the effect of the proposed removal on the sediment budget for the area.
- (8) a description of any previous removal of any sand, shingle, shell or other natural material from the area, including the period of removal and volumes removed (if known).
- (9) identification of any area susceptible to erosion and/or wave overtopping and the potential effects of the erosion/wave overtopping. This should include a description of ecosystems and activities behind the area likely to be eroded or overtopped.

Disturbance

In addition to the general information required, where the proposed activity involves the disturbance of the foreshore or seabed, the following information will also be required:

- (1) the reasons for the proposed disturbance.
- (2) the scale, timing and scope of the proposed disturbance.
- (3) the location of any 'plant' when not in use or unable to be used because of tide height.

Deposition

In addition to the general information required, where the proposed activity involves the deposition of any sand, shingle, shell or other natural material into the coastal marine area, the following information will also be required:

- (1) an assessment of alternatives that have been considered to the proposed deposition and the reasons why the deposition is required in the location chosen.
- (2) a description of the receiving environment including:
 - (a) hydrology and sediment movement; (for example, effects of currents including current

speed on the seafloor, tides and wind on horizontal transport and vertical mixing; and topography); and

- (b) composition of the substrate; and
- (c) bottom characteristics (for example sediment types, topography including reef systems, geochemical and geological and geomorphic characteristics and biological productivity); and
- (d) water characteristics (for example temperature, pH, salinity, stratification and current movements); and
- (e) the ecosystems within the area including details of flora and fauna present and community composition including diversity and abundance of species as well as the relationship of these ecosystems to the local, regional or national context; and
- (f) information regarding any **unique** species, habitats and community compositions in the area of deposition. This involves identification of whether species or assemblages are locally endemic, ecologically rare and what contribution these communities or species have to the functioning of ecosystems; and
- (g) information regarding life cycles, current status of habitats and sensitivities of flora and fauna, the possible importance of the area for nursery purposes and any known linkages with other parts of the marine ecosystem; and
- (h) effects of current uses of the receiving environment including the existence and effects of other deposition in the area (for example heavy metal background reading);

- (3) a description of:
 - (a) the material proposed to be deposited including both composition and form (e.g. solid, sludge, etc.); and
 - (b) the volume and frequency of material to be deposited; and
 - (c) the methods to be used to deposit the material.
- (4) an analysis of the material to be deposited including:
 - (a) the chemical and biochemical properties of the material proposed to be deposited (for example oxygen demand, metals, nutrients) and, in particular, the level of contamination, if any, of that material; and
 - (b) the biological properties (for example, presence of viruses, bacteria, yeasts, parasites); and
 - (c) the grain size distribution and other physical characteristics of the material proposed to be deposited, and the similarity, or otherwise of that material to the area where the material is proposed to be deposited (for example, solubility and density); and
 - (d) the toxicity of the substance and its components; and
 - (e) the persistence of the substance: physical, chemical and biological; and
 - (f) the possibility of accumulation and chemical or biotransformation in biological materials or sediments; and
 - (g) the susceptibility of the substance to physical, chemical, and biochemical changes and interaction in the aquatic environment with other dissolved organic and inorganic materials; and
 - (h) the probability of production of taints or other changes reducing marketability of resources (e.g. fish, shellfish etc.).
- (5) an analysis of the effects of the material on the environment.
- (6) methods of packaging and containment, if any.
- (7) possible effects on amenities and on other uses of the area (for example presence of floating or stranded material, turbidity).
- (8) details of how the effects of the deposition will be monitored and by whom.

Discharges

In addition to the general information required, where the proposed activity involves the discharge of contaminants or water into the coastal marine area, the following information will be required:

- (1) a description of the nature, volume, contents and frequency or rate of the proposed discharge including:
 - a a description of the chemical composition as well as any identified chemical and biochemical properties (for example oxygen demand, nutrients);

- b contaminant loading and concentration including toxicity;
 - c presence and levels of faecal coliforms and/or enterococci;
 - d form of the discharge (for example solid, sludge, liquid, or gaseous);
 - e a description of the physical properties (for example solubility and density);
 - f biological properties (for example presence of viruses, bacteria, yeasts, parasites);
 - g persistence: physical, chemical and biological;
 - h probability of accumulation and biotransformation in biological materials or sediments;
 - i susceptibility to physical, chemical and biochemical changes and interaction in the aquatic environment with other dissolved organic materials;
 - j probability of production of taints or other changes reducing the marketability of resources (fish, shellfish etc.);
 - k total volume of the discharge as well as the volume of solid matter in the discharge. (In the case of solid matter the applicant should also have regard to the type of information required for deposition).
- (2) a description of the treatment,(including site of treatment) if any, of the contaminant or water prior to the proposed discharge.
- (3) a description of the receiving area where the proposed discharge is to occur for example:
- a water characteristics such as:
 - temperature;
 - ambient water colour;
 - pH;
 - salinity;
 - stratification;
 - chemical oxygen demand (COD);
 - biochemical oxygen demand (BOD) - nitrogen present in organic and inorganic form (including ammonia);
 - suspended matter;
 - other nutrients; and
 - productivity.
 - b initial dilution achieved by proposed method of release;
 - c dispersal characteristics (for example effects of currents, tides and wind on horizontal transport and vertical mixing);
 - d existence and effects of other discharges in the area.
- (4) an assessment of the water-body's capacity to cope with stress (physical/chemical/biological/ and combinations thereof), including:

- a the rate of flow of the effluent/discharge;
 - b volume of water into which the effluent/discharge is being dispersed;
 - c tidal regime of the waterbody;
 - d the buoyancy of the effluent;
 - e whether the discharge is a submerged or a shoreline outfall, the depth at which the effluent is discharged, and whether a diffuser is present or absent;
 - f the dispersion characteristics of the effluent in terms of where it goes and how it moves;
 - g seasonal variation of the receiving water.
- (5) an assessment of the effects of the discharge's individual components as well as an assessment of effects where one or more chemicals may be combined. Assessment of Effects should consider effects on fauna, flora and water quality.
- (6) an assessment of the current uses and potential uses of the proposed area of discharge and the anticipated effects of the discharge on those uses as well as the effects on amenities including the presence of floating material, turbidity etc. This would include whether or not anything edible occurs in the receiving area and the impact of the discharge on those edible organisms.
- (7) an assessment of alternatives, including alternative receiving environments outside of the coastal marine area, that have been considered to the proposed discharge and the reasons why the discharge is required in the location chosen.
- (8) details of how the effects of the discharge will be monitored and by whom.

Additional Information Requirements Concerning the Application of Herbicides and Pesticides

In addition to the information requirements, any application of pesticides and herbicides would need to provide information concerning:

- 1 why the use of herbicides or pesticides is necessary;
- 2 the target of the application and the environmental effects of the product to be used, including:
 - a toxicity to non-target fauna including vertebrates and non-vertebrates present in the coastal marine environment;
 - b the half life of the product in the coastal marine environment;
 - c the toxicity of the breakdown product to non-target fauna including vertebrates and non-vertebrates in the coastal marine environment;
 - d possible impacts on non-target vegetation.

Discharge to Air

In addition to the information requirements, and the Fourth Schedule of the Resource Management Act, the following information is required for consent applications that involve discharges to air:

- 1 the nature of the contaminant, including its chemical composition, and the effects of that contaminant on the environment;
- 2 the method of emission and action that may be taken to avoid, remedy or mitigate the emission;
- 3 the quantity of contaminant that may be discharged into the air during transfer;
- 4 a calculation of concentrations of contaminants at ground level, where applicable;
- 5 the toxicity of the discharge including an analysis of possible biological, chemical and physical changes that could occur to the areas adversely affected by the discharge;
- 6 hours of operation and duration during which contaminants may be discharged to the air;
- 7 a description of how any source emissions and environmental effects will be monitored and by whom;
- 8 results of any monitoring for background levels of contaminants in the environment prior to the establishment of the process;
- 9 description of odorous compounds emitted where applicable, in terms of odour units per cubic metre.

Storage and use of Hazardous Substances and Hazardous Wastes

In addition to the general information required, where the proposed activity involves the storage or use of any hazardous substance or waste within the coastal marine area, the following information will also be required:

- (1) a description of the hazardous substance or hazardous waste proposed to be stored or used.
- (2) an assessment of alternatives that have been considered to the proposed storage or use of the hazardous substance or hazardous waste and the reasons why the storage or use is required in the coastal marine area.
- (3) a description of methods proposed to contain the hazardous substances or hazardous wastes in the event of spillage, fire or explosions.

Taking, Use, Damming or Diversion

In addition to the general information required, where the proposed activity involves the taking, use, damming or diversion of coastal water within the coastal marine area, the following information will be required:

- (1) in the case of taking, a description of the volume of the proposed take and an assessment of the need for the take from the coastal marine area.
- (2) in the case of damming or diversion, a description of the proposed damming or diversion and an assessment of the need for the damming or diversion within the coastal marine area.
- (3) an assessment of the nature and extent of any natural inflows into the area of the proposed take, damming or diversion and the degree of tidal flushing with the open coast.
- (4) impact of taking, use, damming or diversion on sediment types and patterns,
- (5) in the case of damming or diversion an assessment of the effect of the activity on habitat values including fish passage and waders.
- (6) effect of any diversion of freshwater on marine habitats including circulation patterns and zonation patterns.

Noise

In addition to the general information required, where the proposed activity involves the generation or emission of noise within the coastal marine area, the following information will be required:

- (1) an analysis of the anticipated level of noise.
- (2) an analysis of background noise levels. A distinction needs to be made between natural noise and human induced noise.
- (3) a description of the timing, frequency and duration of any noise emission.

Exotic Plants/Animals

In addition to the general information required, where the proposed activity involves in the introduction of any exotic plant/animal not presently found in the proposed area of the coastal marine area, the following information will be required:

- (1) the name of the plant/animal, or plants/animals proposed to be introduced and the proposed methods to be used to introduce the plant/animal.
- (2) the purpose for introducing the plant/animal or plants/animals.
- (3) a description of whether the plant/animal or plants/animals is already resident in the area of the proposed introduction.
- (4) a description of the existing vegetation and fauna in the proposed area and an assessment of the likely impact of the introduction of the plant/animal or plants/animals on the existing vegetation and/or fauna which use the existing vegetation and fauna.
- (5) A description of:
 - the life history of the organism to be introduced;
 - the type of habitats the organism can live in including its preferences and ranges;
 - method of reproduction and its ability to spread from the site of release.

Occupation

In addition to the general information required, where the proposed activity involves occupation of any part of the coastal marine area, the following additional information shall be provided:

- the effect of the occupation on navigation safety;
- the method proposed for storage and disposal of human sewage;
- the method proposed for storage and disposal of rubbish.
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The applicant may also need to refer to the information requirements of - Structures.