

6.1 Noise

6.1.1 Objective and Policies for Noise

6.1.1.1 Objective: Adverse noise effects

- a. Adverse noise effects on the amenity or health of people and communities are minimised, consistent with the anticipated outcomes of the receiving environment.

(Note: Objective 3.3.12 Infrastructure seeks to limit the potential for noise-sensitive activities to limit the development and operation of infrastructure. The following policies and rules are intended to achieve those outcomes as well as those of Objective 6.1.1.1)

6.1.1.1.1 Policy: Managing noise effects

- a. Minimise adverse noise effects by:
 - i. imposing limitations on the level, location, and duration of noisy activity;
 - ii. sound insulation for receivers of noise; and
 - iii. limiting the location of sensitive activities relative to activities with elevated noise levels.
- b. To require insulation within the 55 dB L_{dn} airport noise contour line and the 55 dB L_{dn} engine testing noise contour line for new sensitive activities.
- c. Exclude new sensitive activities within the air noise boundary and within the 65 dB L_{dn} engine testing noise contour lines.

6.1.1.1.2 Policy: Noise during night hours

- a. Lower noise levels shall be achieved during night hours where noise has the potential to interfere with sleep.

6.1.1.1.3 Policy: Activities in key locations

- a. To enable activities and events that contribute to Christchurch's economic, social, and cultural wellbeing to occur at existing key facilities, whilst ensuring the adverse noise effects of activities on the surrounding community and environment are minimised.

6.1.2 How to use the rules

- 1. Process
 - a. There are two aspects you need to consider, whether you:
 - i. are generating noise; or
 - ii. may be affected by noise.
 - b. If you are generating noise:
 - i. Determine whether the activity is exempt from the noise rules, as listed in [6.1.3](#).
 - ii. Check whether the activity has specific noise standards for that activity in Rule [6.1.4.2](#). If so, only the standards in Rule [6.1.4.2](#) apply.
 - iii. Check whether the activity is within a location specified in Table 4 of Rule [6.1.4.2.4](#). If so, only Rule [6.1.4.2.4](#) applies.

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- iv. If not an activity covered in (b)ii above, or in a location covered in (b)iii above, establish the zoning of all sites which will receive noise from the activity. This will include all adjoining sites, but may also include other sites in the vicinity, particularly those that have more stringent noise rules than the adjoining sites.
- v. Determine whether the noise generated by the activity will meet the Permitted Standards specified in Rule 6.1.4.1 for all receiving sites.
- vi. Check your activity is not specified as a discretionary activity, non-complying activity or prohibited activity.
- c. If you may be affected by noise (a receiver of noise):
 - i. Check whether the activity is near an infrastructure specified in Rules 6.1.5.2 or 6.1.5.3, and is an activity specified in those rules.
 - ii. Check the activity status in Rule 6.1.5.1 and whether the activity meets the Specific Standards in Rules 6.1.5.2 or 6.1.5.3.

6.1.3 General Rules

6.1.3.1 Application of Rules

- a. The following rules only apply in locations outside the Central City.

(Note: The noise rules applying within the Central City are contained in the Chapter 13 Central City. The noise standards applying to utilities are contained in the Chapter 11 Utilities.)

6.1.3.2 Exempt activities

- a. The provisions in Rule 6.1.4.1, Rule 6.1.4.2 and Rule 6.1.5 do not apply to the following noise sources:
 - i. traffic noise generated within a Transport Zone;
 - ii. trains and crossing bells within a Transport Zone and within the area of the Scheduled Activity (Ferrymead Heritage Park), including at railway yards, railway sidings or stations, and tramways.
 - iii. sirens used during an emergency;
 - iv. helicopters used for emergencies and as an air ambulance;
 - v. boating activities permitted under P3 of Rule 18.6.2.1;
 - vi. normal agricultural practices undertaken for a limited duration, and using equipment which is mobile during its normal use. This includes activities such as harvesting, but does not include the use of helicopters, bird-scaring devices, frost control fans or irrigation pumps (for these activities refer to Rule 6.1.4.2.5). Motorbikes and chainsaws are only exempt when being used as part of normal agricultural activity; and
 - vii. spontaneous social activities and children's play (but not including pre-school facilities).

Note: Although these noise sources are exempted from compliance with the rules, any potential and actual adverse effects shall be considered for any discretionary or non-complying activity.

6.1.3.3 Measuring Noise

- a. Unless otherwise specified elsewhere in this Plan, noise shall be measured in accordance with NZS6801:2008 "Acoustics – Measurement of environmental sound", and assessed in accordance with NZS 6802:2008 "Acoustics- Environmental noise", except that provisions in NZS 6802 referring to Special Audible Characteristics shall not be applied.
- b. The noise standards shall apply at or within the boundary of any site receiving noise from an activity, except where:

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- i. the site boundary is a boundary with a site in the Transport Zone; or
 - ii. the standards specify otherwise.
- c. Where a site is divided by a zone boundary then each part of the site divided by the zone boundary shall be treated as a separate site for the purpose of these rules.

6.1.4 Noise standards

6.1.4.1 Noise standards - Specific zones

6.1.4.1.1 Activity Status

6.1.4.1.1.1 Permitted Activities

The activities listed below are permitted activities, subject to compliance with the Activity Specific Standards set out in this table.

Activity		Activity Specific Standards
P1	Any activity not specified elsewhere	a. Table 1: Zone Noise Standards outside the <u>Central City</u>
P2	People in outdoor areas of premises licensed for the sale, supply, and/or consumption of alcohol, in all Commercial Zones	<ul style="list-style-type: none"> a. Noise Standard = nil b. Duration = From 0700 hours to 2200 hours only c. Maximum size of outdoor area = 50m² d. Minimum setback from the boundary of any site in a residential zone = 10m

Table 1: Zone noise standards outside the Central City

Zone	Time (hrs)	Permitted	
		<u>LAeq</u>	<u>LAm_{max}</u>
a. All Residential Zones	0700-2200	50	75
b. Rural Zone, except Rural Quarry Zone, measured at any <u>notional boundary</u>	2200-0700	40	65
c. Rural Quarry zone, measured at any <u>notional boundary</u> outside the Rural Quarry zone			
d. Specific Purpose (Flat Land Recovery) Zone			

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Zone	Time (hrs)	Permitted	
		<u>L_{Aeq}</u>	<u>L_{Amax}</u>
e. All Commercial Zones	0700-2200	55	80
f. All Open Space Zones	2200-0700	45	70
g. Rural Zone, except Rural Quarry Zone, measured at the zone boundary			
h. Accommodation and Community Facilities Overlay			
i. Industrial Park Zone (excluding IP - Awatea)			
j. Industrial Office Zone			
k. Specific Purpose (Cemetery, Schools, Tertiary, Resort, Defence Wigram and Hospital) Zone			
l. Industrial General Zone	0700-2200	60	80
m. Industrial Park Zone - Awatea	2200-0700	50	70
n. Industrial Heavy Zone	0700-2200	65	85
o. Rural Quarry Zone measured at the zone boundary	2200-0700	55	75
p. Specific Purpose (Styx Mill Road Transfer Station)			
q. Specific Purpose (Burwood Landfill and Resource Recovery Park) Zone			

6.1.4.1.1.2 Restricted Discretionary Activities

The activities listed below are a restricted discretionary activity, where not listed as a permitted activity in Rule 6.1.4.1.1.1. Discretion to grant or decline consent and impose conditions is restricted to the matters set out in 6.1.4.3 for each standard, as set out in the following table.

Activity		The Council's Discretion shall be limited to the following matters:
RD1	Any activity that exceeds the Permitted Standards in Rule 6.1.4.1.1.1 by 10 dB or less	a. 6.1.4.3(1)(a-h)

6.1.4.1.1.3 Discretionary Activities

There are no discretionary activities.

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6.1.4.1.1.4 Non-complying Activities

The activities listed below are Non Complying.

	Activity
NC1	Any activity not provided as a Permitted, Restricted Discretionary, Discretionary, or Prohibited Activity
NC2	Any activity that exceeds the Permitted Standards in Rule 6.1.4.1.1.1 by more than 10 dB

6.1.4.1.1.5 Prohibited Activities

There are no prohibited activities.

6.1.4.2 Noise standards - Specific activities

6.1.4.2.1 Activity Status

6.1.4.2.1.1 Permitted Activities

The activities listed below are permitted activities, subject to compliance with the Activity Specific Standards set out in this table.

	Activity	Activity Specific Standards
P1	Any activity listed in Rules 6.1.4.2.2, 6.1.4.2.3, 6.1.4.2.4, 6.1.4.2.5, 6.1.4.2.6, 6.1.4.2.7 or 6.1.4.2.8	a. Specific standards in Rules 6.1.4.2.2, 6.1.4.2.3, 6.1.4.2.4, 6.1.4.2.5, 6.1.4.2.6, 6.1.4.2.7 or 6.1.4.2.8 for that activity

6.1.4.2.1.2 Restricted Discretionary Activities

The activities listed below are a restricted discretionary activity, where not listed as a permitted activity in Rule 6.1.4.2.1.1. Discretion to grant or decline consent and impose conditions is restricted to the matters set out in 6.1.4.3 for each standard, as set out in the following table.

Activity	The Council's Discretion shall be limited to the following matters:
RD1 Any activity listed in Rules 6.1.4.2.2, 6.1.4.2.3, 6.1.4.2.4, 6.1.4.2.5 or 6.1.4.2.6 that exceeds the specific standards for that activity by 10 dB or less	a. 6.1.4.3(1)(a-h)

6.1.4.2.1.3 Discretionary Activities

The activities listed below are Discretionary Activities.

	Activity	The Council will consider any matters under s104 of the Act including:
D1	Any non-compliance with the standards in Rule 6.1.4.2.7	a. 6.1.4.3(1)(a-h)
D2	Helicopter landing areas used for activities other than air ambulance	a. 6.1.4.3(1)(a-h)

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6.1.4.2.1.4 Non-complying Activities

The activities listed below are Non Complying.

	Activity
NC1	Any activity not provided as a Permitted, Restricted Discretionary, Discretionary, or Prohibited Activity
NC2	Any activity that exceeds the specific standards in Rules 6.1.4.2.2, 6.1.4.2.3, 6.1.4.2.4, 6.1.4.2.5 or 6.1.4.2.6 by more than 10 dB

6.1.4.2.1.5 Prohibited Activities

There are no prohibited activities.

6.1.4.2.2 Emergency activities

- a. Generators - Noise
 - i. The use of generators, for emergency purposes only, shall comply at any time with the Permitted Noise Standards in Rule 6.1.4.1.1.1 specified for between 0700 hours and 2200 hours. For avoidance of doubt, non-emergency use of generators, including peak-logging, shall comply with the noise standards for the times specified in Rule 6.1.4.1.1.1. Routine testing is permitted only between the hours of 0900 and 1700 weekdays, and is subject to the noise standards in Rule 6.1.4.1.1.1.
- b. Military or emergency management activities – Noise
 - i. Military or emergency management activities shall not exceed the following noise standards:

Table 2: Military or emergency management noise standards

	Activity	Permitted Hours	Noise Standard
1.	Activities involving the use of firearms or explosives	0700 – 1900	65 dB LAmax
		1900 – 0700	50 dB LAmax
2.	Any other noise-generating activities	Rule 6.1.4.1 applies, except that on up to 10 days per year on any site, activities may exceed Rule 6.1.4.1 by 10 dB or less.	

6.1.4.2.3 Construction activities

- a. Construction activities shall not exceed the noise standards in Table 3.
- b. Noise from construction and demolition activities shall be measured and assessed in accordance with the provisions of NZS 6803:1999 “Acoustics – Construction Noise”.

Table 3: Construction noise standards

	Permitted Days	Permitted Hours	Noise Standard	
1.	Monday to Saturday	0730 – 1800	70 dB LAeq	85 dB LAmax
2.	All other days and hours		45 dB LAeq	75 dB LAmax

6.1.4.2.4 Temporary activities

- a. Temporary activities specified in 6.2.2 shall comply with the following standards:

Table 4: Location-specific noise standards

Refer to Appendix 6.11.3 for maps of the locations specified in this table.

	Location	Permitted Days	Permitted Hours	Noise Standard		Qualifications
1.	Lancaster Park	3 days per year	0900-2230	65 dB L_{Aeq}	85 dB L_{AFmax}	a. Measured at the boundary with any site in a Residential Zone.
2.	Queen Elizabeth II Park					
3.	Specific Purpose (Defence Wigram) Zone	30 days per year but no more than 3 days per month	0900-2230	65 dB L_{Aeq} (15 min)	85 dB L_{AFmax}	a. Applies only to temporary recreation activities or exhibitions permitted by P2 of Rule 21.1.2.1.
4.	Christchurch Stadium			Refer to the provisions for Christchurch Stadium, including noise, in Chapter 18 Rule 18.3.5.		
5.	Carrs Road Raceway	120 days per year, excluding Christmas Day and Boxing Day	0900-1700	65 dB L_{Aeq}	85 dB L_{AFmax}	a. These noise limits shall apply between 0900 hrs and 1800 hrs for official kart racing events that comply as a KartSport NZ race meeting with a status of Group A to Group G event, and are fixed in the published annual calendar of the Christchurch Kart Club.
		1 day between Monday and Friday each week, excluding public holidays, that is fixed in the published annual calendar of Christchurch Kart Club	1300-1700			

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	Location	Permitted Days	Permitted Hours	Noise Standard	Qualifications
6.	Ruapuna Motorsport Park – Specific Purpose (Motorsport) Zone			Refer to the noise provisions of the Specific Purpose (Motorsport) Zone in Chapter 21.	

- b. Any other temporary activity on a site not listed in Table 4 shall:
- be no closer than 30m to any residential unit;
 - have a total duration not exceeding 4 hours, including all sound checks; and
 - occur between 0900 hours and 2000 hours;

And either have:

- for sound amplified activities, a total amplified power not exceeding 500 Watts RMS; or
- a sound level not exceeding 65 dB L_{Aeq} at any residential unit, to be evidenced by a report from a suitably qualified acoustic consultant.

6.1.4.2.5 Rural activities

- a. Bird-scaring devices shall comply with the following standards;
- Any bird-scaring devices shall:
 - not operate between sunset and sunrise;
 - not be used within 200m of a residential zone;
 - Noise from such devices, including clusters of up to three shots from gas operated devices, or three multiple shots from a firearm in rapid succession, shall not exceed 65 dB L_{AE} when assessed at any point within the notional boundary of any residential unit on any other site.
- b. Frost fan noise shall comply with the following standards;
- Any frost fan noise shall not exceed 55 dB L_{Aeq} when assessed at the notional boundary of any residential unit on a separate site under different ownership.
 - This noise limit applies to the total noise from all frost control fans in the vicinity operating simultaneously.
 - The noise limit includes a correction for the special audible characteristics of frost control fans and no further penalty shall be applied to measured or calculated noise levels.
- c. Any other rural activity – Rule 6.1.4.1 applies

6.1.4.2.6 Ventilation systems

- a. Ventilation system shall comply with the following standards:
- Any air conditioning or ventilation system installed to comply with ventilation requirements of the New Zealand Building Code shall:
 - Generate sound levels not exceeding:
 - 40 dB L_{Aeq}(30s) in the largest habitable space (excluding bedrooms); and
 - 35 dB L_{Aeq}(30s) in all other habitable spaces
 when measured 1m away from any grille or diffuser;

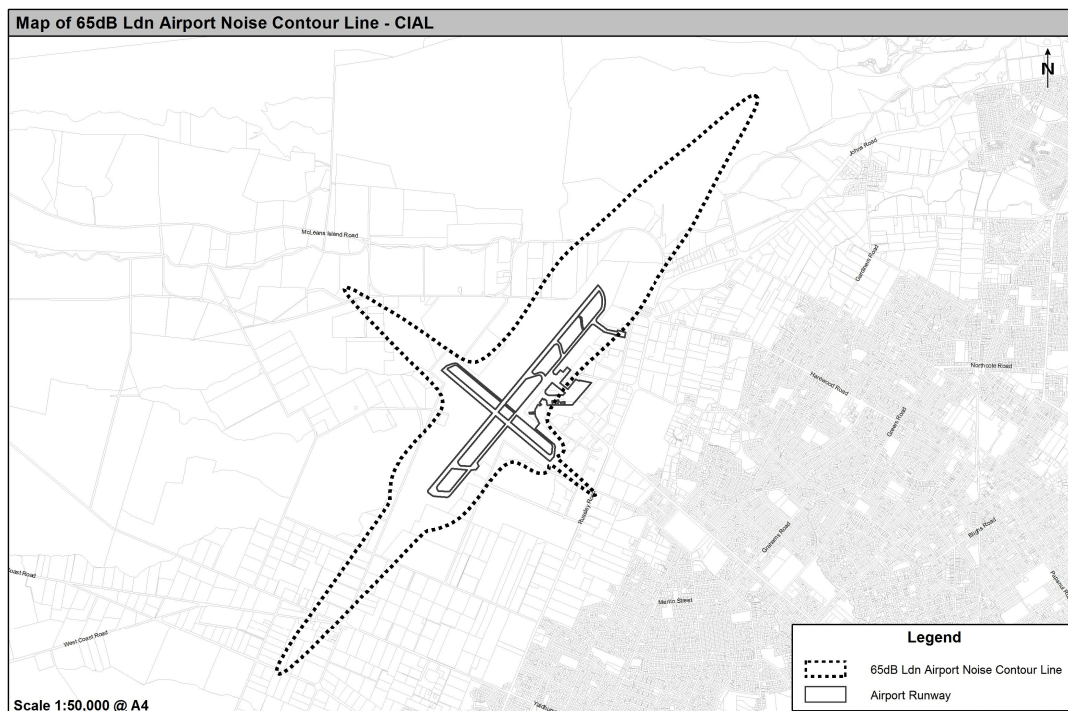
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- B Create an internal air pressure no more than 10 Pa above ambient pressure; and
- C Be controllable by the occupants, and for ventilation include an air flow control with at least three equal stages up to the highest setting.

6.1.4.2.7 Aircraft noise from operations at Christchurch International Airport

- a. Christchurch International Airport Ltd (CIAL) shall manage the Christchurch International Airport so that noise from:
 - i. aircraft operations do not exceed 65 dB L_{dn} outside the 65 dB L_{dn} airport noise contour line shown in Figure 1; and
 - ii. engine testing does not exceed 65 dB L_{dn} outside the 65 dB L_{dn} engine testing noise contour line shown in the Planning Maps.
- b. Aircraft noise monitoring - CIAL shall annually provide the Council's Unit Manager Inspections and Enforcement with the result of calculations based upon monitored aircraft movements for the preceding year and the known noise characteristics of those aircraft. These calculations will be performed by a person with appropriate qualifications and experience in airport noise modelling and acoustics assessments. The results provided shall be verified by noise measurements and shall be in the form of a 65 dB L_{dn} contour representing the noise created by aircraft operations over that year. The measurement of aircraft sound exposure and the resultant derivation of a 65 dB L_{dn} shall be in accordance with NZS 6805:1992.
- c. Engine testing noise monitoring - CIAL shall annually provide the Council's Unit Manager Inspections and Enforcement with the results of calculations based on measured engine testing noise, including representative aircraft and test types, and actual logs of engine tests during the preceding year. The results shall be in the form of a 65 dB L_{dn} contour based on a rolling 7-day period, and shall be compared to the 65 dB L_{dn} engine testing noise contour line shown in the Planning Maps.
- d. Noise from aircraft operations shall be based on noise data from the Integrated Noise Model (INM) and records of actual aircraft operations at CIAL.
- e. For aircraft noise, the noise level shall be calculated over the busiest three month period of the year.
- f. Exceedance by up to 1 dB of the aircraft noise limit is permitted provided CIAL demonstrates at the request of, and to the satisfaction of, the Council that any such exceedance is due to atypical weather patterns.
- g. For engine testing, the noise level shall be calculated over the busiest rolling seven day period of the year.

Figure 1: 65 dB Ldn Airport Noise Contour Line - CIAL



6.1.4.2.8 Helicopter landing areas

- a. Helicopter landing areas shall comply with the following standards;
 - i. The number of landings on a site shall not exceed 12 in any calendar year, or five in any month, or three in any week.
 - ii. Helicopter landings and departures shall only occur between 0800 hours and 1800 hours.
 - iii. No landing shall take place within 25m of any residential unit, unless that residential unit is on the site on which the landing occurs.

Or

- iv. The number of landings on a site shall not exceed 50 in any calendar year, or 20 in any month, or 15 in any week.
- v. Helicopter landings and departures shall only occur between 0800 hours and 1800 hours.
- vi. No landing shall take place within 200m of any residential unit, unless that residential unit is on the site on which the landing occurs.

6.1.4.3 Matters of Discretion

1. In considering any application relating to exceeding specified noise levels or duration of noisy events, the Council shall, in deciding whether or not to grant consent or impose conditions, have regard to the following Matters of Discretion.
 - a. The proximity and nature of nearby activities, and the degree to which there may be adverse effects on amenity.
 - b. The level, duration, and character of the noise and the effects this may cause on permitted activities in the area, particularly at night.
 - c. Whether the noise generated would be of such a level as to create a threat to the health or well-being of persons living or working in the vicinity.
 - d. The proposals made by the applicant to reduce noise generation, including:

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- i. reduction of noise at source;
 - ii. alternative techniques or machinery which may be available;
 - iii. insulation or enclosure of machinery;
 - iv. mounding or screen fencing/walls;
 - v. hours of operation.
- e. The adequacy of measures to address the adverse effects of noise on the natural character of the coastal environment.
- f. The value and nature of entertainment activities and their benefit to the wider community, having regard to the frequency of noise intrusion and the practicality of mitigating noise, or utilising alternative sites.
- g. The extent to which achieving the standard is appropriate where the existing noise environment is subject to significant noise intrusion from road traffic.
- h. Any relevant standards, codes of practice or assessment methods based on sound acoustic principles, including those which address the reasonableness of the noise in terms of community health and amenity and/or sleep protection.

6.1.5 Activities near infrastructure

6.1.5.1 Activity Status

6.1.5.1.1 Permitted Activities

The activities listed below are permitted activities, subject to compliance with the Activity Specific Standards set out in this table.

Activity		Activity Specific Standards
P1	Any activity listed in Rules 6.1.5.2 and 6.1.5.3	a. Specific standards in Rules 6.1.5.2 and 6.1.5.3 for that activity

6.1.5.1.2 Restricted Discretionary Activities

The activities listed below are a restricted discretionary activity, where not listed as a permitted activity in Rule 6.1.5.1.1. Discretion to grant or decline consent and impose conditions is restricted to the matters set out in 6.1.5.4 for each standard, as set out in the following table.

Activity		The Council's Discretion shall be limited to the following matters:
RD1	Any activity that fails to comply with Rule 6.1.5.1.1	a. 6.1.5.4(1-4)

6.1.5.1.3 Discretionary Activities

There are no discretionary activities.

6.1.5.1.4 Non-complying Activities

The activities listed below are non-complying activities.

ACTIVITY

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NC1	Any new buildings and additions to existing buildings located within the 55 dB L_{dn} airport noise contour line shown in the Planning Maps not complying with any of the standards in Rule 6.1.5.3.1 or Rule 6.1.5.3.2.
NC2	Any new buildings and additions to existing buildings located within the 55 dB L_{dn} engine testing noise contour line shown in the Planning Maps not complying with any of the standards in Rule 6.1.5.3.1 or Rule 6.1.5.3.2.

6.1.5.1.5 Prohibited Activities

The activities listed below are prohibited activities.

ACTIVITY	
PA1	Any new <u>sensitive activities</u> within the <u>air noise boundary</u> shown in the Planning Maps, other than as provided for in Rule 6.1.5.3.2.
PA2	Any new <u>sensitive activities</u> within the 65 dB L_{dn} engine testing noise contour line shown in the Planning Maps, other than as provided for in Rule 6.1.5.3.2.

6.1.5.2 Sensitive activities near roads and railways

- a. Any new sensitive activity, or any addition to a building for an existing sensitive activity beyond 10% of the existing gross floor area, within 80m of the boundary of any state highway or railway designation, or within 20m of the edge of the nearest marked traffic lane of a collector road, or within 40m of the edge of the nearest marked traffic lane of a minor arterial road or major arterial road, shall either:
 - i. achieve a minimum external to internal noise reduction of 30 dB $D_{tr,2m,nT,w} + C_{tr}$ in accordance with the acceptable solutions listed in Appendix 6.11.4 Noise Attenuation Construction Requirements; or
 - ii. be designed and constructed to comply with the following indoor design sound levels:
 - A Rail noise inside bedrooms – 35 dB $L_{Aeq(1h)}$
 - B Rail noise inside habitable spaces excluding bedrooms – 40 dB $L_{Aeq(1h)}$
 - C Road traffic noise inside all habitable spaces – 40 dB $L_{Aeq(24h)}$
 - D Rail and road traffic noise within any other sensitive activity – maximum value recommended in AS/NZS2107:2000

Except where either:

- V. the sound incident on the most exposed part of the outside of the building is less than 55 dB $L_{Aeq(1h)}$ for rail noise or 57 dB $L_{Aeq(24h)}$ for road traffic noise; or
- VI. the nearest façade of the building is at least 50m from all state highways and railways and there is a solid building, fence, wall or landform that blocks the line-of-sight from all parts of all windows and doors to all parts of any state highway road surface or railway track.

For the purposes of Rule 6.1.5.2:

1. Rail noise shall be deemed to be 70 $L_{Aeq(1h)}$ at a distance of 12m from the edge of the track, and shall be deemed to reduce at a rate of 3 dB per doubling of distance up to 40m and 6 dB per doubling of distance beyond 40m;
2. Compliance with (a)(ii) and E above shall be confirmed by providing the Council's Resource Consents Unit Manager with a design report prepared by a qualified acoustic engineer demonstrating compliance, prior to any sensitive activity or alteration occurring. The design shall take into account future permitted use of the collector and arterial roads, and railway and state highway designations outside the Central City, either by the addition of 2 dB to predicted sound levels or based on forecast traffic in 20 years' time.
3. The indoor design sound levels in (a) above shall be achieved at the same time as the ventilation requirements of the New Zealand Building Code. If windows are required to be closed to achieve the indoor design sound levels then either:
 - a. Air conditioning, in compliance with Rule 6.1.4.2.6, shall be provided to all habitable spaces, or

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- b. A ventilation system, in compliance with Rule 6.1.4.2.6, shall be installed that provides at least 15 air changes per hour in the largest habitable space (excluding bedrooms) and at least 5 air changes per hour in all other habitable spaces.

6.1.5.3 Activities near Christchurch Airport

6.1.5.3.1 Any new buildings and additions to existing buildings located within the 55 dB Ldn airport noise contour line shown in the Planning Maps

- a. Shall be insulated from aircraft noise and designed to comply with the following indoor design sound levels:
 - i. Residential units
 - A Sleeping areas – 65 dB L_{AE} / 40 dB L_{dn}
 - B Other habitable areas – 75 dB L_{AE} / 50 dB L_{dn}
 - ii. Guest accommodation, resort hotels, hospitals and healthcare facilities
 - I. Relaxing or sleeping - 65 dB L_{AE} / 40 dB L_{dn}
 - II. Conference meeting rooms - 65 dB L_{AE} / 40 dB L_{dn}
 - III. Service activities – 75 dB L_{AE} / 60 dB L_{dn}
 - iii. Education activities
 - I. Libraries, study areas – 65 dB L_{AE} / 40 dB L_{dn}
 - II. Teaching areas, assembly areas – 65 dB L_{AE} / 40 dB L_{dn}
 - III. Workshops, gymnasias – 85 dB L_{AE} / 60 dB L_{dn}
 - iv. Retail activities, commercial services and offices
 - I. Conference rooms – 65 dB L_{AE} / 40 dB L_{dn}
 - II. Private offices – 70 dB L_{AE} / 45 dB L_{dn}
 - III. Drafting, open offices, exhibition spaces - 75 dB L_{AE} / 50 dB L_{dn}
 - IV. Typing, data processing – 80 dB L_{AE} / 55 dB L_{dn}
 - V. Shops, supermarkets, showrooms - 85 dB L_{AE} / 60 dB L_{dn}
- b. Noise insulation calculations and verification shall be as follows:
 - i. Building consent applications must be accompanied with a report detailing the calculations showing how the required sound insulation and construction methods have been determined.
 - ii. For the purpose of sound insulation calculations, the external noise levels for a site shall be determined by application of the airport noise contour lines L_{dn} and L_{AE} . Where a site falls within the contours the calculations shall be determined by linear interpolation between the contours.
 - iii. If required by the Council, in conjunction with the final building inspection the sound transmission of the façade shall be tested in accordance with ISO 140-5 or ASTM to demonstrate that the required façade sound insulation performance has been achieved, and a test report is to be submitted to the Council's Resource Consents Unit Manager. Should the façade fail to achieve the required standard then it shall be improved to the required standard and re-tested prior to occupation.

6.1.5.3.2 In respect of the properties at 597 Pound Road (Lot 6, DP 23538) and 57 West Coast Road (Lot 3, DP 58380) one residential unit may be erected on each site provided that:

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- a. the site remains above the minimum size specified in P5 set out in Rule 17.3.2.1, and
- b. the residential unit is insulated from aircraft noise so as to comply with the provisions of Rule 6.1.5.3.1, and
- c. that the owner has entered into a covenant with the Council, which has been registered against the title, that the residential unit shall only remain on the property for so long as no complaint relating to the noise of aircraft using Christchurch International Airport (or any operation arising thereto) is made; and that upon registration the covenant it shall be binding on the owner and the owner's successors in title.

6.1.5.4 Matters of Discretion

1. The extent to which a reduced level of acoustic insulation may be acceptable due to mitigation of adverse noise impacts through other means, e.g. screening by other structures, or distance from noise sources.
2. The ability to meet the appropriate levels of acoustic insulation through alternative technologies or materials.
3. The provision of a report from an acoustic specialist which provides evidence that the level of acoustic insulation is appropriate to ensure the amenity of present and future residents of the site.
4. The appropriateness of a legal instrument to be registered against the title, that is binding on the owner and the owner's successors in title, containing a 'no complaint' clause relating to the noise of aircraft using Christchurch International Airport.

6.2 Temporary Activities, Buildings and Events

Note: Wording in ***bold italics*** is shown for context only and will be notified and open for submission at a later date (to be confirmed).

6.2.1 Objectives and policies

6.2.1.1 Objective - Temporary activities and events

- a. Enable a diverse range of temporary activities and events which:
 - i. provide opportunities for artistic, social and cultural expression;
 - ii. contribute to the economic recovery and resilience of the District; and/or
 - iii. reinforce or promote a positive sense of place and community,

while having regard to the natural, historic and cultural values and expected amenity levels of the areas in which they are located.

6.2.1.1.1 Policy - *Temporary activities and events*

- a. Temporary activities, buildings and events should be enabled provided:
 - i. the frequency, scale and effects of the temporary activity are compatible with the level of amenity anticipated by the surrounding environment; or are within a range that can be tolerated given the temporary nature of the activity;
 - ii. parking and traffic generation are managed so that:
 - A road safety and network efficiency is not compromised; and
 - B accessibility within and to local commercial centres and businesses is not adversely effected;
 - iii. public access to public open space is maintained as far as practicable, given the nature of the activity or event in question; and
 - iv. natural, historic or cultural values of sites are not permanently modified, damaged or destroyed.

6.2.1.1.2 Policy - *Temporary construction buildings*

- a. Enable temporary buildings and other structures associated with construction projects, including temporary signage, provided that the amenity impacts on the surrounding environment can be effectively managed; while recognising that within the context of the rebuild, a higher threshold of tolerance should be provided for temporary adverse amenity effects that do not compromise health or safety.

6.2.2 Rules

6.2.2.1 How to use the rules

- 6.2.2.1.1 The rules that apply to temporary activities and buildings are contained in:
 - a. the Activity Status Tables in [6.2.2.2](#).

- 6.2.2.1.2 Temporary activities and buildings not otherwise provided for by the District Plan are Restricted Discretionary activities as per [6.2.2.2.3](#) RD2.

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6.2.2.1.3 Temporary activities and buildings are exempt from zone standards and other District Plan rules except as specified below or in the Activity Specific Standards in [6.2.2.2](#).

6.2.2.1.4 The Activity Status Tables and standards in the following chapters continue to apply to temporary activities and buildings where relevant

- | | |
|----|---|
| 5 | Natural Hazards
s5.10 Port Hills and Banks Peninsula Slope Instability Management Areas |
| 6 | General Rules and Procedures -
s6.3 Outdoor Lighting and Glare (except where otherwise noted)
s6.4 Noise (except where otherwise noted) |
| 8 | Subdivision, Development and Earthworks; |
| 9 | Natural and Cultural Heritage; |
| 11 | Utilities, Energy and Infrastructure; and |
| 12 | Hazardous Substances and Contaminated Land. |

6.2.2.1.5 The temporary activities rules do not apply to activities anticipated by zone rules or within the expected scope of operations for permanent facilities.

6.2.2.1.6 Where temporary activities or events occupy permanent buildings, any resource consent conditions, designation conditions or other District Plan rules that specifically consider and/or set standards relevant to the proposed activity shall continue to have effect.

6.2.2.1.7 Temporary buildings permitted by the District Plan must still comply with the Building Act and any relevant bylaws.

6.2.2.1.8 Temporary activities and buildings permitted by the District Plan may still be required to obtain other licenses or permits such as for sale of alcohol or food; erection of stands or stalls, amusement rides or devices; street performance; and temporary signage.

6.2.2.2 Activity status tables

6.2.2.2.1 Permitted activities

The activities that are listed below are Permitted.

Activities may also be Restricted Discretionary activities as specified in Rule [6.2.2.3](#).

Temporary Activity	Activity specific standards
Construction	

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Temporary Activity		Activity specific standards
P1	Temporary <u>buildings</u> ancillary to an <u>approved building</u> , construction or demolition project	<ul style="list-style-type: none"> a. No temporary <u>building</u> shall exceed 50m² of <u>gross floor area</u>; except in the Industrial General, Industrial Heavy, Rural Quarry, Specific Purpose (Airport), or Specific Purpose (Flat Land Recovery) zones where the gross floor area of a temporary construction <u>building</u> is not restricted so long as <u>buildings</u> are not placed in any <u>setbacks</u> required by the relevant zone. b. Temporary <u>buildings</u> shall be removed from the <u>site</u> within one month of completion of the project.
P2	Temporary <u>signs</u> or other notices for the purposes of providing information necessary to the public about any rebuilding or recovery work occurring on or otherwise affecting that <u>site</u>	<ul style="list-style-type: none"> a. Temporary <u>signs</u> or notices shall be removed within one month of completion of the project.
Events		

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Temporary Activity		Activity specific standards												
P3	Community gatherings, celebrations, non-motorised sporting events and performances including: <ul style="list-style-type: none"> a. carnivals and fairs; b. festivals; c. holiday observances; d. races; e. parades; f. concerts; and g. exhibitions 	<ul style="list-style-type: none"> a. Events shall not be open to participants for more than: <ul style="list-style-type: none"> i. four consecutive weeks in any one year; or ii. six weekends in any one year (including public holidays where these fall adjacent to weekends); or iii. twelve non-consecutive days in any one year. b. Events shall comply with the noise standards for temporary activities in Rule 6.1.4.2.4 with the exception of fireworks which are permitted in association with an event: <table border="1" data-bbox="724 667 1401 1126"> <tr> <td>i</td><td>Any day</td><td>From 9am to 10pm</td></tr> <tr> <td>ii</td><td>Any day with an Event Permit allowing fireworks</td><td>From 9am to 12am</td></tr> <tr> <td>iii</td><td>New Years' Eve/Day</td><td>From 9am to 1am</td></tr> <tr> <td>iv</td><td>Guy Fawkes Night</td><td>From 9am to 11pm</td></tr> </table> c. From 10pm to 7am, events shall comply with the standards for Outdoor Lighting and Glare in Rule 6.3.2.3 but are otherwise exempt from lighting standards so long as fixed outdoor lighting is directed away from adjacent properties and roads. 	i	Any day	From 9am to 10pm	ii	Any day with an Event Permit allowing fireworks	From 9am to 12am	iii	New Years' Eve/Day	From 9am to 1am	iv	Guy Fawkes Night	From 9am to 11pm
i	Any day	From 9am to 10pm												
ii	Any day with an Event Permit allowing fireworks	From 9am to 12am												
iii	New Years' Eve/Day	From 9am to 1am												
iv	Guy Fawkes Night	From 9am to 11pm												
P4	Public meetings	<ul style="list-style-type: none"> a. NIL 												
P5	Temporary <u>buildings</u> or other structures ancillary to an event	<ul style="list-style-type: none"> a. Temporary <u>buildings</u> or other structures shall not be erected on or remain on the <u>site</u> for more than two weeks before or after the event opens or closes to participants. b. Where events occur on non-consecutive days, on days between instances of the event opening to participants, public access to parts of the <u>site</u> that are normally accessible shall not be impeded. 												
P6	Temporary retailing ancillary to an event	<ul style="list-style-type: none"> a. NIL 												

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Temporary Activity		Activity specific standards
Filming		
P7	<u>Commercial film or video production</u> and ancillary buildings or structures; in any zone except an Industrial zone	<ul style="list-style-type: none"> a. Any such production shall not operate from the same exterior location for more than 30 days in a year. b. From 10pm to 7am, any such activities shall comply with the noise standards for the relevant zone in Rule 6.1.4.1 but are otherwise exempt from noise standards. c. From 10pm to 7am, any such activity shall comply with the standards for Outdoor Lighting and Glare in Rule 6.3.2.3 but are otherwise exempt from lighting standards so long as fixed outdoor lighting is directed away from adjacent properties and roads.
Temporary artworks and <u>community activities</u>		
P8	Public and not-for-profit <u>recreation, education, cultural or entertainment activities</u> and ancillary retailing in: <ul style="list-style-type: none"> a. any Commercial zone; b. any Open Space zone; c. the Industrial General Zone; d. the Specific Purpose (Schools) Zone; e. the Specific Purpose (Tertiary Education) Zone; f. the Transport Zone; and g. the Papakainga Zone. 	<ul style="list-style-type: none"> a. NIL
P9	<u>Public artworks</u>	<ul style="list-style-type: none"> a. NIL
P10	Structures for temporary gardens	<ul style="list-style-type: none"> a. NIL
Temporary markets		

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Temporary Activity		Activity specific standards																		
P11	Markets and fund-raising events (except as provided for by P3)	<p>a. Markets or fund-raising events in combination shall not operate from a single <u>site</u> for more than the following number of days per year:</p> <table border="1"> <tr> <td>i</td><td>Any zone not listed below</td><td>12 days</td></tr> <tr> <td>ii</td><td>Any Commercial zone; including the Papakainga Zone</td><td>Unlimited</td></tr> <tr> <td>iii</td><td>Transport Zone</td><td>Unlimited Note: Markets in the Transport Zone may require an Events Permit</td></tr> <tr> <td>iv</td><td>Open Space Zone</td><td>Unlimited Note: Markets in public open spaces and reserves may require an Events Permit</td></tr> <tr> <td>v</td><td>Specific Purpose (Schools) Zone</td><td>26 days</td></tr> <tr> <td>vi</td><td>Specific Purpose (Tertiary Education) Zone</td><td>26 days</td></tr> </table>	i	Any zone not listed below	12 days	ii	Any Commercial zone; including the Papakainga Zone	Unlimited	iii	Transport Zone	Unlimited Note: Markets in the Transport Zone may require an Events Permit	iv	Open Space Zone	Unlimited Note: Markets in public open spaces and reserves may require an Events Permit	v	Specific Purpose (Schools) Zone	26 days	vi	Specific Purpose (Tertiary Education) Zone	26 days
i	Any zone not listed below	12 days																		
ii	Any Commercial zone; including the Papakainga Zone	Unlimited																		
iii	Transport Zone	Unlimited Note: Markets in the Transport Zone may require an Events Permit																		
iv	Open Space Zone	Unlimited Note: Markets in public open spaces and reserves may require an Events Permit																		
v	Specific Purpose (Schools) Zone	26 days																		
vi	Specific Purpose (Tertiary Education) Zone	26 days																		
Training																				
P12	Temporary military training activities undertaken for defence purposes as defined by the Defence Act 1990	<p>a. Temporary military training activities shall comply with the noise standards for military training activities in Rule 6.1.4.2.2 and helicopter landing areas in Rule 6.1.4.2.8 but are otherwise exempt from the noise standards in Rule 6.1.</p>																		
P13	Temporary emergency response training activities	<p>a. Any training activities involving weapons shall comply with the noise standards for military training activities in Rule 6.1.4.2.2.</p>																		

6.2.2.2.2 Controlled activities

There are no Controlled activities.

6.2.2.2.3 Restricted discretionary activities

The activities listed below are Restricted Discretionary Activities.

Discretion to grant or decline consent and impose conditions is restricted to the Matters of Discretion set out in 6.2.3 for each standard, as set out in the following table.

	Activity	The Council's discretion shall be limited to the following Matters:
RD1	Temporary <u>buildings</u> ancillary to an <u>approved building</u> or construction project not meeting the Activity Specific Standards in P1 Any application arising from non-compliance with this rule shall not be limited or publicly notified.	<ul style="list-style-type: none"> a. Amenity – 6.2.3.1 b. Transport - 6.2.3.2 c. Site disturbance or alteration – 6.2.3.5
RD2	<u>Temporary activities or buildings</u> not otherwise described or not meeting the Activity Specific Standards in P3-P12	<ul style="list-style-type: none"> a. Amenity – 6.2.3.1 b. Transport - 6.2.3.2 c. Economic recovery and resilience – 6.2.3.3 d. Competing requirements for the location – 6.2.3.4 e. Site disturbance or alteration – 6.2.3.5
RD3	Motorised sporting events	<ul style="list-style-type: none"> a. Amenity – 6.2.3.1 b. Transport - 6.2.3.2 c. Economic recovery and resilience – 6.2.3.3 d. Competing requirements for the location – 6.2.3.4 e. Site disturbance or alteration – 6.2.3.5

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	Activity	The Council's discretion shall be limited to the following Matters:
RD4	<p>In a Site of Ecological Significance or in the Coastal Environment Overlay, any:</p> <ol style="list-style-type: none"> event except: <ol style="list-style-type: none"> non-motorised races; events located in Permitted Temporary Activities Areas identified in Appendix 6.11.10; and events using a permanent facility including ancillary carparks; events in the Coastal Environment overlay and any Commercial, Industrial, Residential, Open Space Community Park, Specific Purpose, or Transport Zone. <p>which are permitted subject to the relevant activity specific standards.</p> Commercial film or video production in an exterior location lasting longer than three days or involving more than 200 people; temporary market outside of a Permitted Temporary Activities Area identified in Appendix 6.11.10 or, for the Coastal Environment overlay, zone identified in 1(d) above.. temporary military training exercise. 	<p>In addition to any Matters of Discretion specific to the activity:</p> <p>In a Site of Ecological Significance:</p> <ol style="list-style-type: none"> Site disturbance or alteration - 6.2.3.5(a)(v) <p>In the Coastal Environment Overlay:</p> <ol style="list-style-type: none"> Coastal environment - 6.2.3.6
RD5	<p>In a Silent File area, any:</p> <ol style="list-style-type: none"> event attracting more than 500 people; temporary market attracting more than 500 people; temporary military training exercise. <p>Note:</p> <ol style="list-style-type: none"> Council shall consult with tangata whenua upon any application being required under these rules with respect to temporary activities, buildings or events in a Silent File area. 	<p>In addition to any Matters of Discretion specific to the activity:</p> <ol style="list-style-type: none"> Matters of Discretion for Silent File Areas - 9.3.5.8

6.2.2.2.4 Discretionary activities

There are no Discretionary activities.

6.2.2.2.5 Non-complying activities

There are no Non-complying activities.

6.2.2.2.6 Prohibited activities

There are no Prohibited activities.

6.2.3 Matters of discretion

6.2.3.1 Amenity

- a. The extent to which the proposed activity will:
 - i. contribute positively to local character, amenity or sense of place and identity; or
 - ii. activate otherwise vacant or low-amenity spaces
- b. The extent to which the location, scale, design, intensity or duration of the activity and any associated buildings will adversely affect the anticipated level of amenity in Residential, Commercial, Rural, Open Space or Specific Purpose (Schools, Tertiary Education, Hospitals, Cemeteries) zones particularly with respect to:
 - i. noise;
 - ii. outdoor lighting;
 - iii. hours of operation;
 - iv. cumulative effects of all temporary activities using the proposed location;
 - v. overshadowing;
 - vi. loss of privacy;
 - vii. visual amenity;
 - viii. waste management and littering; and
 - ix. alcohol-related nuisance or harm.

6.2.3.2 Transport

- a. The extent to which the location, scale, intensity or duration of the activity and any associated buildings will adversely affect:
 - i. the efficiency of the transport network;
 - ii. public safety;
 - iii. availability of parking for permanent commercial or community activities or local residents.

6.2.3.3 Economic recovery and resilience

- a. The extent to which the proposed activity will contribute positively to the local economy and create spill-over trade to permanent activities in commercial centres.

6.2.3.4 Competing requirements for the location

- a. The extent to which the proposed activity will limit public access to areas that would otherwise be accessible or restrict other temporary or permanent activities from making use of the location.

6.2.3.5 Site disturbance or alteration

- a. The extent to which proposed activities, buildings, associated earthworks, servicing or any additional accesses or car parking required will create an alteration or disturbance to any:
 - i. land;
 - ii. water bodies or their margins;
 - iii. vegetation;
 - iv. ecosystems; or
 - v. natural values identified as significant within a Site of Ecological Significance;

that is irreversible or that will last beyond the duration of the activity or event and, where any such effects are reversible, the adequacy of any proposals for restoration.

6.2.3.6 Coastal environment

- a. The effects of the location, nature, scale and intensity of the proposed temporary activities, buildings or events on the natural character and heritage of the coastal environment.
- b. The adequacy of protection, restoration or enhancement of the natural character and historic heritage of the coastal environment.
- c. The effects of proposed temporary activities, buildings or events on public access to and along the coastal marine area and the adequacy of any measure proposed to address adverse effects of the proposal on public access.
- d. The extent to which additional public access associated with a temporary activity or event would create an irreversible alteration or disturbance to features of the coastal environment.

6.3 Outdoor Lighting and Glare

Note: Wording in ***bold italics*** is shown for context only and will be notified and open for submission at a later date (to be confirmed).

6.3.1 Objectives and policies

6.3.1.1 Objective - Outdoor lighting and glare

- a. Appropriate artificial outdoor lighting enables night-time work, recreation, sport, entertainment, transportation and public health and safety while:
 - i. protecting residential, commercial, open space and rural amenity; and areas of natural, historic or cultural significance;
 - ii. avoiding interference with the safe operation of transport and infrastructure;
 - iii. making efficient use of energy; and
 - iv. preserving or enhancing night sky viewing opportunities.

6.3.1.1.1 Policy - Enabling night-time activity while managing effects of artificial lighting

- a. Recognise and provide for artificial outdoor lighting for night-time activities and safety while managing the scale, timing, duration, design and direction of artificial lighting in a way that:
 - i. minimises disturbance to the rest or relaxation of residents; or any areas of natural, historic or cultural significance;
 - ii. does not interfere with the safe operation of the transport network or aircraft;
 - iii. is energy efficient;
 - iv. minimises unnecessary light spill into the night sky.

6.3.2 Rules

6.3.2.1 How to use the rules

6.3.2.1.1 The Rules that apply to outdoor artificial lighting in all zones are contained in:

- a. the Activity Status Tables in [6.3.2.2](#)
- b. the Built Form Standards in [6.3.2.3](#)

6.3.2.1.2 The following activities are exempted from section [6.3.2](#), the Outdoor Lighting and Glare rules:

- a. lighting associated with emergency response or other public safety vehicles or equipment;
- b. reflected glare from structures or vehicles;
- c. glare from the lights of vehicles, trains, trams and aircraft; and
- d. glare from the lights of traffic signals or navigation aids.

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- 6.3.2.1.3 Illuminated signage that meets the permitted standards for artificial lighting in [6.3.2.3](#) will still need to comply with the controls on illuminated signage in [6.8.3](#) and any relevant zone rules.

6.3.2.2 Activity status tables

6.3.2.2.1 Permitted activities

Artificial outdoor lighting shall be a permitted activity where it complies with all relevant Activity Specific Standards set out in this table and all relevant Built Form Standards in [6.3.2.3](#).

Activities may also be Restricted Discretionary or Non-complying as specified in Rules [6.3.2.2.3](#) and [6.3.2.2.5](#).

Activity		Activity specific standards
P1	Outdoor artificial lighting	<ul style="list-style-type: none">a. All fixed exterior lighting shall be directed away from adjacent properties and roads with the exception of:<ul style="list-style-type: none">i. lighting directed at a private road or driveway located on the same <u>site</u>; andii. street lighting or other transport corridor lighting in the Transport Zone, which only needs to be directed away from properties.

6.3.2.2.2 Controlled activities

There are no Controlled activities.

6.3.2.2.3 Restricted discretionary activities

The activities listed below are Restricted Discretionary Activities.

Discretion to grant or decline consent and impose conditions is restricted to the Matters of Discretion set out in [6.3.3](#) for each standard, as set out in the following table.

	Activity	The Council's discretion shall be limited to the following Matters:
RD1	Any outdoor artificial lighting not complying with Built Form Standard 6.3.2.3.1	<ul style="list-style-type: none">a. Amenity – 6.3.3.1b. Transport Safety – 6.3.3.2c. Energy Efficiency – 6.3.3.3
RD2	Any outdoor artificial lighting not complying with the Activity Specific Standards for P1	<ul style="list-style-type: none">a. Amenity – 6.3.3.1b. Transport Safety – 6.3.3.2

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	Activity	The Council's discretion shall be limited to the following Matters:
RD3	Any activity in a zone adjoining the Transport Zone that results in a greater than 2.5 lux spill (horizontal or vertical) into any part of a major or minor arterial road identified in Appendix 7.12 .	a. Transport Safety – 6.3.3.2

6.3.2.2.4 Discretionary activities

There are no Discretionary activities.
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6.3.2.2.5 Non-complying activities

	Activity
NC1	Any activity that results in a greater than 2.5 lux spill (horizontal or vertical) into any land outside the Specific Purpose (Airport) Zone that is within 500m of the threshold of a runway at Christchurch International Airport.
NC2	Any non-aeronautical ground lights in the areas shown in Appendix 6.11.7.4 that shine above the horizontal.

6.3.2.2.6 Prohibited activities

There are no Prohibited activities.

6.3.2.3 Built form standards

6.3.2.3.1 Outdoor artificial lighting

- a. Any outdoor artificial lighting activity shall comply:
 - i. with the outdoor lighting standards in [6.3.2.3.1\(c\)](#) relevant to the zone in which it is located and;
 - ii. with the outdoor lighting standards for any affected site in a zone with a lower standard whether or not there is a common boundary between the sites.

Note: Where a site is divided by a zone boundary, each part of the site shall be treated as a separate site for the purposes of Rule [6.3.2.3.1\(a\)](#).

- b. All standards for Rule [6.3.2.3.1](#) shall be measured at a point 2m inside the boundary of the site affected by the light spill.
- c. Outdoor Lighting standards by zone:

	Zone(s)	Permitted lux spill (horizontal and vertical)
i.	Coastal Zone	4.0

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	Zone(s)	Permitted lux spill (horizontal and vertical)
ii.	Commercial zones, all other	10.0
iii.	Guest Accommodation Zone	4.0
iv.	Industrial Park Zone; Industrial General Zone	10.0
v.	Industrial zones, all other	20.0
vi.	Open Space – Community Parks Zone; Open Space – Natural Zone; Open Space – Water and Margins Zone	4.0
vii.	Open Space zones, all other	10.0
viii.	Papakainga Zone	4.0
ix.	Residential zones, all other	4.0
x.	Rural Quarry Zone	10.0
xi.	Rural zones, all other	4.0
xii.	Scheduled activities (taverns; fire stations; service stations)	10.0
xiii.	Scheduled activities, all other	4.0
xiv.	Specific Purpose (Cemetery) Zone; Specific Purpose (Hospital) Zone; Specific Purpose (Schools) Zone; Specific Purpose (Tertiary Education) Zone; Specific Purpose (Flat Land Recovery) Zone	4.0

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	Zone(s)	Permitted lux spill (horizontal and vertical)
xv.	Specific Purpose (Landfill) Zone; Specific Purpose (Golf Resort) Zone; Specific Purpose (Ruapuna Motorsport Park) Zone; Specific Purpose (Transfer Station) Zone; Specific Purpose (Wigram) Zone	10.0
xvi.	Specific Purpose (Airport) Zone	20.0
xvii.	Transport Zone Note: Exemptions from this standard can be found in 6.3.2.1 .	Activities in the Transport Zone must meet the standards of adjacent zones. Note: 1. Rule 6.3.2.2.3 RD3 also applies to zones adjacent to the Transport Zone.

6.3.3 Matters of discretion

6.3.3.1 Amenity

- a. The extent to which the timing, duration, direction, intensity, focus, design, height or type of lighting (e.g. moving or intermittent) create adverse effects on local amenity particularly where any of the above is likely to result in sleep disturbance or to restrict the reasonable use of outdoor living or recreation areas;
 - i. Reference shall be made where appropriate to Australian Standards AS 4282 – 1997 (Control of the Obtrusive Effects of Outdoor Lighting) to determine degrees of glare or discomfort and appropriate mitigation measures.
- b. Any measures taken to mitigate the effects in (a);
- c. Whether the artificial lighting is necessary for public safety or security;
- d. The consistency of the proposal with currently permitted background levels of artificial lighting in the receiving environment and the purpose, function and anticipated activities of affected zones;
- e. The likelihood of additional lighting contributing to cumulative adverse effects on residential, commercial, rural or open space amenity;
- f. Whether the timing, direction or design of the lighting contributes to avoidable or unnecessary light spill into the night sky;
- g. **The proximity of the proposed artificial lighting to and any potential adverse effects on any Site of Ecological Significance; Historic Heritage Item or Setting; Silent File area; Outstanding or Significant Natural Feature or Landscape; or Area of Outstanding, Very High or High Natural Character.**

6.3.3.2 Transport safety

- a. The risk of any artificial lighting or glare creating a distraction or other impediment to the safe operation of any vehicle or aircraft.

6.3.3.3 Energy efficiency

- a. The extent to which the proposed lighting design makes use of energy efficient technology or effective light distribution; or otherwise minimises use of non-renewable energy sources.

6.6 Water Body Setbacks

6.6.1 Objectives and policies

6.6.1.1 Objective - Protection of water body margins from inappropriate use

- a. Water body margins are protected from activities that have adverse effects on flood management; water quality; riparian or aquatic ecosystems; the natural amenity and character of the water body; heritage or cultural values; and access for recreation or maintenance; and where possible these values or functions are enhanced.

6.6.1.1.1 Policy - Naturalisation of water body margins

- a. Take a catchment-wide approach to protecting and enhancing the natural form, function and ecology of water body margins to improve water quality, flood control, biodiversity, bank stability and amenity values, while:
 - i. in City and Settlement areas, recognising provisions for ecological corridors and public access may not be fully achievable for some classifications of water body because of historic development patterns or adjoining land uses.
 - ii. in Rural areas, providing for rural activities that will not adversely affect water bodies and recognising that protecting or improving water quality is a priority matter.
 - iii. in Natural areas, minimising development in water body setbacks.

6.6.1.1.2 Policy - Setbacks from water bodies

- a. Avoid, remedy or mitigate adverse effects of activities on water bodies and their margins within setbacks consistent with the classification of water body.

	Water body classification (see Appendix 6.11.5.1 for characteristics)	Functions of the water body setback
i.	All	<p>A. Providing a buffer zone for natural erosion, sedimentation and land movement in the weak saturated soils that border water bodies; and minimising the risk that these processes pose to buildings or other structures.</p> <p>B. Minimising flood risk and damage by providing flood storage capacity, dispersal and effective land drainage; and avoiding, remedying or mitigating structures that transfer flood hazard.</p> <p>C. Improving water quality and catchment-wide ecosystem health by filtering potential contaminants.</p> <p>D. Allowing space for riparian planting to improve ecological values, and bank and slope stability.</p> <p>E. Providing access for the maintenance of water bodies and any associated hazard protection works.</p>

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	Water body classification (see Appendix 6.11.5.1 for characteristics)	Functions of the water body setback
ii.	Downstream waterway	A. Providing habitat for a wide range of terrestrial, aquatic and plant species. B. Allowing space for the establishment, retention and maintenance of significant location-appropriate riparian vegetation. C. Contributing to the open space character and amenity of the surrounding area. D. Sustaining cultural associations and providing opportunities for mahinga kai and customary use of native plants, animals and traditional materials. E. Providing recreational opportunities for the public where this is consistent with the other functions of the setback.
iii.	Upstream waterway	
iv.	Environmental asset waterway	A. Providing habitat for terrestrial, aquatic and plant species. B. Encouraging the establishment, retention and maintenance of location-appropriate riparian vegetation. C. Contributing to the open space character and amenity of the immediate area.
v.	Network waterway	A. Where feasible, creating or enhancing ecological corridors for terrestrial, aquatic and plant species.
vi.	Hill waterway	A. Contributing to the open space character and amenity of the surrounding area.
vii.	Environmental asset standing water body	A. Providing habitat for a wide range of terrestrial, aquatic and plant species. B. Encouraging the establishment, retention and maintenance of location-appropriate riparian vegetation. C. Contributing to the open space character and amenity of the surrounding area. D. Sustaining cultural associations and providing opportunities for mahinga kai and customary use of native plants, animals and traditional materials. E. Providing recreational opportunities for the public where this is consistent with the other functions of the setback.

6.6.1.1.3 Policy - Management of activities in water body setbacks

- a. Where buildings, earthworks or other activities are permitted within a water body setback, manage the activity so that:
- any cultural significance of the water body to tangata whenua is appropriately recognised and provided for;
 - water quality, biodiversity, and mahinga kai values are maintained or enhanced;
 - connectivity between land, natural freshwater systems and the coast are retained or enhanced;
 - the stability of water body banks and adjacent land is maintained and sedimentation and erosion minimised;
 - maintenance access is enabled;
 - the ability of water body margins, channels, or ponding areas to store and/or convey surface water safely and efficiently is not impeded;
 - flood events are not exacerbated;
 - adverse effects are not transferred to another site;
 - amenity and landscape values, including riparian planting, are retained or enhanced;
 - activities do not disturb or visually detract from:

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- A Sites of Ecological Significance;
- B Outstanding Natural Features and Landscapes;
- C Significant Features and Landscapes;
- D Areas of Outstanding, Very High or High Natural Character;
- E Important Ridgelines;
- F Heritage Items or Settings;
- G Significant Trees or Groups of Trees;
- H Silent File areas;
- I significant indigenous vegetation;

xi. provision is made for public access appropriate to the classification and location of the water body and having regard to:

- A the relationship of tangata whenua with their ancestral lands, water and sites;
- B protection of Sites of Ecological Significance;
- C residential amenity;
- D Outstanding Natural Features and Landscapes;
- E bank and land stability;
- F public safety;
- G the operational or security requirements of infrastructure.

6.6.2 Rules

6.6.2.1 How to use the rules

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6.6.2.1.1 The rules that apply within the water body setbacks are contained in:

	Area	Zones	Provisions
a	City and settlement	All Commercial; All Industrial; All Residential (except as below); Guest Accommodation; Papakainga; All Specific Purpose; Open Space – Metropolitan Facilities; Open Space – Community Parks; Open Space – Water and Margins (where adjacent to the above zones); Transport (where adjacent to the above zones)	Activity Status Tables in 6.6.2.2
b	Rural	All Rural; Residential Large Lot; Open Space McLeans Island; Open Space – Water and Margins (where adjacent to the above zones); Transport (where adjacent to the above zones)	Activity Status Tables in 6.6.2.3
c	Natural	Open Space Natural; Coastal; Open Space – Water and Margins (except as above); Transport (where adjacent to the above zones)	Activity Status Tables in 6.6.2.4

6.6.2.1.2 The Activity Status Tables and Standards in the following chapters also apply to activities in water body setbacks where relevant:

- 5** Natural Hazards;
- 8** Subdivision, Development and Earthworks;
- 9** Natural and Cultural Heritage;
- 11** Utilities, Energy and Infrastructure;
- 12** Hazardous Substances and Contaminated Land
- 19** Coastal Environment

6.6.2.1.3 Where other chapters or zones specify water body setback distances or rules, those provisions supersede the provisions in section 6.6 with regard to any matters specified.

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- 6.6.2.1.4 The following activities are exempt from section 6.6.2, the Water Body Setback rules:
- a. post holes for the erection of permitted fences;
 - b. planting holes for trees or other vegetation;
 - c. excavation for any approved wells;
 - d. filling or excavation permitted pursuant to an approved building consent, except filling or excavation for building foundations;
 - e. bridges or culverts with a regional consent;
 - f. filling or excavation permitted pursuant to the repair of earthquake damaged land;
 - g. filling or excavation associated with permitted utilities, or their replacement, repair or maintenance;
 - h. filling or excavation associated with the maintenance of flood or bank protection works undertaken by any territorial or regional authority, the Department of Conservation or the Crown;
 - i. park management activities undertaken or coordinated by any territorial or regional authority, the Department of Conservation or Te Rūnanga o Ngāi Tahu;
 - j. otherwise permitted vegetation management along water bodies and existing tracks, cycleways, roads or paths in the setback, except as restricted in the rules below.
 - k. pervious surfaces;
 - l. Permitted Activities in the Open Space – Water and Margins zone except for buildings;
 - m. construction of defences against water permitted by or consented under the Regional Plan.
- 6.6.2.1.5 Land use consents or water or discharge permits may also be required from the Regional Council for activities in, on, under or over the bed of water bodies or within close proximity to them.
- 6.6.2.1.6 The Building Act requires that land and other property be protected from erosion, falling debris, slippage, subsidence, inundation, alluvion or avulsion notwithstanding any other consent required for the proposed activity.
- 6.6.2.1.7 Attention is drawn to District and Regional Council bylaws relating to earthworks and stormwater management.

6.6.2.2 Activity status tables - City and settlement water body setbacks

6.6.2.2.1 Area of effect

- a. The rules for city and settlement water body setbacks in section 6.6.2.2 apply within the following areas:

	Water body classification	Setback width	Area of effect	Activities controlled
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i.	Downstream waterway (except Mona Vale)	30m	Measured from the banks of waterways indicated on the Planning Maps (see Appendix 6.11.5.3 for interpretation of "bank")	Earthworks; Buildings and other structures; Maintenance
ii.	Downstream waterway (Mona Vale)	15m		
iii.	Upstream waterway	10m		
iv.	Environmental asset waterway	7m		
v.	<u>Network waterway</u>	5m	Measured from the banks of waterways falling under the definition of " <u>network waterway</u> "	
vi.	<u>Hill waterway</u>	10m	Measured from the centreline of waterways falling under the definition of " <u>hill waterway</u> "	
vii.	Environmental asset standing water body	7m	Measured from the banks of standing water bodies indicated on the Planning Maps (see Appendix 6.11.5.2 and 6.11.5.3 for interpretation of "bank")	

- b. Where more than one water body setback apply to the same area, the rules for the larger setback apply.

6.6.2.2.2 Permitted activities

- a. Within the setbacks indicated in s.6.6.2.2.1, the following activities are permitted activities for the purposes of s6.6 if they comply with all relevant Activity Specific Standards set out in this table.
- b. Activities may also be Restricted Discretionary, Discretionary, or Non-Complying specified in Rules 6.6.2.2.4, 6.6.2.2.5, and 6.6.2.2.6.

Activity	Activity Specific Standards
<u>Earthworks</u> For the purposes of these rules " <u>earthworks</u> " excludes quarrying	

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P1	Test pits or boreholes necessary as part of a geotechnical assessment or contaminated land assessment	a. Land subject to any such testing shall be reinstated within two working days of the conclusion of the testing period.
Buildings and other structures For the purposes of these rules “ <u>building</u> ” includes “ <u>accessory building</u> ”. The definition of <u>building</u> includes decks.		
P2	Use, maintenance or repair of lawfully-established <u>buildings</u> existing at the time of notification of this plan for activities otherwise permitted by the Plan	a. NIL
P3	Extensions or alterations to existing <u>buildings</u> at least 1.8m above ground level	a. Where any such extensions or alterations increase the floor area of any <u>building</u> , they shall have a maximum additional area of 10m ² within the <u>setback</u> . b. Any such extensions or alterations shall not include any struts, supports or other structures that come within 1.8m of the ground.
P4	Removal or demolition of any <u>building</u> or part of a <u>building</u> including associated <u>earthworks</u>	a. No lawfully established flood protection or erosion or bank stability control structures shall be removed. b. No parts of the structure shall remain in the <u>setback</u> that could catch debris or otherwise affect land drainage.
P5	Impervious surfacing Any application arising from non-compliance with this rule in the setback of a <u>network waterway</u> or <u>hill waterway</u> will not require written approvals and shall not be limited or publicly notified.	a. <u>Impervious surfaces</u> shall not exceed 10% of the <u>water body setback</u> area within any <u>site</u> in any zone except an Open Space Zone or the Transport Zone where impervious surfaces are not restricted. Note: 1. Standard (a) above controls the percentage of the <u>water body setback</u> on a <u>site</u> that may be covered with <u>impervious surfaces</u> . It does not permit additional surfacing.

P6	<p>Fences</p> <p>Any application arising from non-compliance with this rule in the setback of a <u>network waterway</u> or <u>hill waterway</u> will not require written approvals and shall not be limited or publicly notified.</p>	<ul style="list-style-type: none"> a. Fences shall not be built over any part of a water body. b. Any fence shall allow access to the <u>water body</u> for maintenance purposes. c. Any fence shall not be located closer to the <u>water body</u> bank than 3m or 1/3 of the normal <u>setback</u> distance whichever is the greater. d. Any fence shall consist of no greater than 20% solid structure. <p><i>Exceptions:</i></p> <ul style="list-style-type: none"> 1. Temporary fencing or construction hoarding remaining on a <u>site</u> for less than three months are exempt from the Activity Specific Standards. 2. Where a legal road, esplanade reserve or esplanade strip exists between the <u>water body</u> and the fence, the Activity Specific Standards shall not apply.
P7	<p>Culverts for <u>network waterways</u></p> <p>Any application arising from non-compliance with this rule will not require written approvals and shall not be limited or publicly notified.</p>	<ul style="list-style-type: none"> a. Culverts for <u>network waterways</u> shall be designed in accordance with Christchurch City Council's Waterways, Wetlands and Drainage Guide.
Maintenance		
P8	<p><u>Water body bank maintenance or enhancement works</u> where undertaken by any territorial or regional authority, the Department of Conservation or Te Rūnanga o Ngāi Tahu;</p>	<ul style="list-style-type: none"> a. Works shall not prevent the passage of fish. b. Works shall not be undertaken in the flowing channel at spawning sites for trout and inanga. c. Erosion and sediment controls in accordance with the Christchurch City Council's "Waterways and Drainage Guide 2003" and the Canterbury Regional Council's "Erosion and Sediment Control Guideline 2007" shall be installed on all <u>earthworks</u>.

P9	Any works related to the operation, repair or maintenance of <u>transport infrastructure</u>	<p>a. Erosion and sediment controls in accordance with the Christchurch City Council's "Waterways and Drainage Guide 2003" and the Canterbury Regional Council's "Erosion and Sediment Control Guideline 2007" shall be installed on all <u>earthworks</u>.</p> <p>b. The <u>carriageway</u> shall not be extended closer to the <u>water body</u> in such a way that it permanently removes or reduces vegetation between the existing paved area and the <u>water body</u>.</p>
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6.6.2.2.3 Controlled activities

There are no Controlled activities.

6.6.2.2.4 Restricted discretionary activities

- a. The activities listed below are Restricted Discretionary Activities. Discretion to grant or decline consent and impose conditions is restricted to the Matters of Discretion set out in 6.6.3 for each standard, as set out in the following table.

Activity	The Council's discretion shall be limited to the following Matters:
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RD1	<p><u>Earthworks</u> in a city and settlement <u>water body setback</u> not exempted by 6.6.2.1.4 or that exceed the Activity Specific Standards in P1.</p> <p>Note:</p> <p>1. Council shall consult with tangata whenua upon any application being required under these rules in respect to upstream or downstream rivers.</p>	<p><i>All water body classifications</i></p> <ul style="list-style-type: none"> a. Natural Hazards – 6.6.3.1 b. Natural Values – 6.6.3.2 c. Maintenance Access – 6.6.3.5 <p><i>Additional for Downstream Waterways, Upstream Waterways and Environmental Asset Standing Water Bodies</i></p> <ul style="list-style-type: none"> d. Amenity and Character – 6.6.3.3 e. Cultural Values – 6.6.3.4 f. Public / Recreational Access – 6.6.3.6 <p><i>Additional for Environmental Asset Waterways</i></p> <ul style="list-style-type: none"> g. Amenity and Character – 6.6.3.3 h. Cultural Values – 6.6.3.4 <p><i>Additional for Hill Waterways</i></p> <ul style="list-style-type: none"> i. Cultural Values – 6.6.3.4 <p><i>Exception for sites adjoining downstream waterways with features intervening between the site and the waterway</i></p> <ul style="list-style-type: none"> j. Where a: <ul style="list-style-type: none"> i. legal road; or ii. esplanade reserve; or iii. esplanade strip wider than 10m <p>exists between a downstream waterway and a site being assessed, Council's discretion with respect to that part of the site separated from the waterway is restricted to:</p> iv. Natural Hazards – 6.6.3.1
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RD2	<p>New <u>buildings</u> or other structures in a city and settlement <u>water body setback</u>; and <u>buildings</u> or other structures that exceed the activity specific standards in P2-P7.</p> <p>Note:</p> <p>1. Council shall consult with tangata whenua upon any application being required under these rules in respect to upstream or downstream rivers.</p>	<p><i>All water body classifications</i></p> <ul style="list-style-type: none"> a. Natural Hazards – 6.6.3.1 b. Natural Values – 6.6.3.2 c. Maintenance Access – 6.6.3.5 <p><i>Additional for Downstream and Upstream Waterways and Environmental Asset Standing Water Bodies</i></p> <ul style="list-style-type: none"> d. Amenity and Character – 6.6.3.3 e. Cultural Values – 6.6.3.4 f. Public / Recreational Access – 6.6.3.6 <p><i>Additional for Environmental Asset Waterways</i></p> <ul style="list-style-type: none"> g. Amenity and Character – 6.6.3.3 h. Cultural Values – 6.6.3.4 <p><i>Additional for <u>Hill Waterways</u></i></p> <ul style="list-style-type: none"> i. Cultural Values – 6.6.3.4 <p><i>Exception for <u>sites</u> adjoining downstream waterways with features intervening between the <u>site</u> and the waterway</i></p> <ul style="list-style-type: none"> j. Where a: <ul style="list-style-type: none"> i. legal road; or ii. esplanade reserve; or iii. esplanade strip wider than 10m <p>exists between a downstream waterway and a <u>site</u> being assessed, Council's discretion with respect to that part of the <u>site</u> separated from the water body is restricted to:</p> iv. Natural Hazards – 6.6.3.1
RD3	<p><u>Water body bank maintenance or enhancement works</u> not meeting the standards in P8</p>	<ul style="list-style-type: none"> a. Natural Hazards – 6.6.3.1 b. Natural Values – 6.6.3.2

6.6.2.2.5 Discretionary activities

Activity

D1	<p>Any activity within a <u>water body setback</u> that would otherwise be a restricted discretionary activity under Rule 6.6.2.2.4 when located adjacent to a <u>water body</u> identified as a Site of Ecological Significance or in a Silent File area.</p> <p>Note:</p> <ol style="list-style-type: none"> 1. Council shall consult with tangata whenua upon any application being required under these rules.
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6.6.2.2.6 Non-complying activities

- a. The activities listed below are non-complying activities:

Activity	
NC1	<p>The extension or widening, except for maintenance purposes, of any existing roadway, adjacent footpath, or parking area directly adjoining the Open Space Water and Margins Zone along:</p> <ol style="list-style-type: none"> a. the Avon River (Estuary – Fendalton Road) excluding the Central City; b. the Heathcote River (Estuary – Cashmere Stream Confluence) <p>in a way that reduces the distance between the edge of the roadway, adjacent footpath, or parking area and the waterway.</p> <p>Note:</p> <ol style="list-style-type: none"> 1. This rule does not apply to footpaths independent of the roadway corridor.

6.6.2.2.7 Prohibited activities

There are no Prohibited activities.

6.6.2.3 Activity status tables - Rural water body setbacks

6.6.2.3.1 Area of effect

- a. The rules for rural water body setbacks in section 6.6.2.3 apply within the following areas:

	Water body classification	Setback width	Area of effect	Activities controlled
i.	Downstream waterway	30m	Measured from the banks of waterways indicated on the Planning Maps (see Appendix 6.11.5.3 for interpretation of “bank”)	Earthworks; Buildings and other structures; Plantation forestry
ii.	Upstream waterway	20m		Earthworks; Buildings and other structures; Plantation forestry

	Water body classification	Setback width	Area of effect	Activities controlled
iii.	Environmental asset waterway	10m		Earthworks; Buildings and other structures; Plantation forestry
iv.	<u>Network waterway</u>	5m	Measured from the banks of waterways falling under the definition of " <u>network waterway</u> "	Earthworks; Buildings and other structures
v.	<u>Hill waterway</u>	10m	Measured from the centreline of waterways falling under the definition of " <u>hill waterway</u> "	Earthworks; Buildings and other structures; Plantation Forestry
vi.	Environmental asset standing water body	20m	Measured from the banks of water bodies indicated on the Planning Maps (see Appendix 6.11.5.2 and 6.11.5.3 for interpretation of "bank")	Earthworks; Buildings and other structures; Plantation Forestry;

b. Where more than one water body setback apply to the same area, the rules for the larger setback apply.

6.6.2.3.2 Permitted activities

- Within the setbacks indicated in 6.6.2.3.1, the following activities are permitted activities for the purposes of section 6.6 if they comply with all relevant Activity Specific Standards set out in this table.
- Activities may also be Restricted Discretionary, Discretionary, or Non-Complying as specified in Rules 6.6.2.3.4, 6.6.2.3.5, and 6.6.2.3.6.

Activity		Activity Specific Standards
<u>Earthworks</u> Note: For the purposes of these rules " <u>earthworks</u> " excludes quarrying		
P1	Any test pits or boreholes necessary as part of a geotechnical assessment or contaminated land assessment	a. Land subject to any such testing shall be reinstated within two working days of the conclusion of the testing period.
<u>Buildings and other structures</u> For the purposes of these rules " <u>building</u> " includes " <u>accessory building</u> ". The definition of <u>building</u> includes decks.		

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P2	Use, maintenance or repair of lawfully-established <u>buildings</u> existing at the time of notification of this plan for activities otherwise permitted by the Plan	a. NIL
P3	Extensions or alterations to existing <u>buildings</u> at least 1.8m above ground level	<p>a. Where any such extensions or alterations increase the floor area of any <u>building</u>, they shall have a maximum additional area of 10m² within the <u>setback</u>.</p> <p>b. Any such extensions or alterations shall not include any struts, supports or other structures that come within 1.8m of the ground.</p>
P4	Removal or demolition of any <u>building</u> or part of a <u>building</u> including associated <u>earthworks</u>	<p>a. No lawfully established flood protection or erosion or bank stability control structures shall be removed.</p> <p>b. No parts of the structure shall remain in the <u>setback</u> that could catch debris or otherwise affect land drainage.</p>
P5	<p>Impervious surfacing</p> <p>Any application arising from non-compliance with this rule in the setback of a <u>network waterway</u> or <u>hill waterway</u> will not require written approvals and shall not be limited or publicly notified.</p>	<p>a. <u>Impervious surfaces</u> shall not exceed 10% of the <u>water body setback</u> area within any <u>site</u> in any zone except an Open Space Zone or the Transport Zone where impervious surfaces are not restricted.</p> <p>Note:</p> <p>1. Standard (a) above controls the percentage of the <u>water body setback</u> on a <u>site</u> that may be covered with <u>impervious surfaces</u>. It does not permit additional surfacing.</p>

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P6	<p>Fences</p> <p>Any application arising from non-compliance with this rule in the setback of a <u>network waterway</u> or <u>hill waterway</u> will not require written approvals and shall not be limited or publicly notified.</p>	<ul style="list-style-type: none"> a. Fences built over any part of a water body shall be no more than 20% solid structure. b. Any fence shall allow access to the <u>water body</u> for maintenance purposes. c. Any fence shall not be located closer to the <u>water body</u> bank than 3m or 1/3 of the normal <u>setback</u> distance whichever is the greater. d. Any fence shall consist of no greater than 20% solid structure. <p><i>Exceptions:</i></p> <ul style="list-style-type: none"> 1. Temporary fencing or construction hoarding remaining on a <u>site</u> for less than three months are exempt from the Activity Specific Standards. 2. Where a legal road, esplanade reserve or esplanade strip exists between the <u>water body</u> and the fence, the Activity Specific Standards shall not apply.
P7	<p>Water storage tanks up to 30,000 litres; water troughs; pumps and pump sheds under 10m² and associated power poles or pipes</p>	<ul style="list-style-type: none"> a. NIL
P8	<p>Culverts for <u>network waterways</u></p> <p>Any application arising from non-compliance with this rule will not require written approvals and shall not be limited or publicly notified.</p>	<ul style="list-style-type: none"> a. Culverts for <u>network waterways</u> shall be designed in accordance with Christchurch City Council's Waterways, Wetlands and Drainage Guide.
Maintenance		
P9	<p><u>Water body bank maintenance or enhancement works</u> where undertaken by any territorial or regional authority, the Department of Conservation or Te Rūnanga o Ngāi Tahu;</p>	<ul style="list-style-type: none"> a. Works shall not prevent the passage of fish. b. Works shall not be undertaken in the flowing channel at spawning sites for trout and inanga. c. Erosion and sediment controls in accordance with the Christchurch City Council's "Waterways and Drainage Guide 2003" and the Canterbury Regional Council's "Erosion and Sediment Control Guideline 2007" shall be installed on all <u>earthworks</u>.

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P10	Any works related to the operation, repair or maintenance of <u>transport infrastructure</u> .	<p>a. Erosion and sediment controls in accordance with the Christchurch City Council's "Waterways and Drainage Guide 2003" and the Canterbury Regional Council's "Erosion and Sediment Control Guideline 2007" shall be installed on all <u>earthworks</u>.</p> <p>b. The <u>carriageway</u> shall not be extended closer to the <u>water body</u> in such a way that it permanently removes or reduces vegetation between the existing paved area and the <u>water body</u>.</p>
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6.6.2.3.3 Controlled activities

There are no Controlled activities.

6.6.2.3.4 Restricted discretionary activities

- a. The Activities listed below are Restricted Discretionary Activities. Discretion to grant or decline consent and impose conditions is restricted to the Matters of Discretion set out in 6.6.3 for each standard, as set out in the following table.

Activity	The Council's discretion shall be limited to the following Matters:
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RD1	<p><u>Earthworks</u> in a city and settlement <u>water body setback</u> not exempted by 6.6.2.1.4; or that exceed the Activity Specific Standards in P1.</p> <p>Note:</p> <p>1. Council shall consult with tangata whenua upon any application being required under these rules in respect to upstream or downstream rivers.</p>	<p><i>All water body classifications</i></p> <ul style="list-style-type: none"> a. Natural Hazards – 6.6.3.1 b. Natural Values – 6.6.3.2 c. Maintenance Access – 6.6.3.5 <p><i>Additional for Downstream Waterways, Upstream Waterways, and Environmental Asset Standing Water Bodies</i></p> <ul style="list-style-type: none"> d. Amenity and Character – 6.6.3.3 e. Cultural Values – 6.6.3.4 f. Public / Recreational Access – 6.6.3.6 <p><i>Additional for Environmental Asset Waterways</i></p> <ul style="list-style-type: none"> g. Amenity and Character – 6.6.3.3 h. Cultural Values – 6.6.3.4 <p><i>Additional for <u>Hill Waterways</u></i></p> <ul style="list-style-type: none"> i. Cultural Values – 6.6.3.4 <p><i>Exception for <u>sites</u> adjoining downstream waterways with features intervening between the <u>site</u> and the waterway</i></p> <ul style="list-style-type: none"> j. Where a: <ul style="list-style-type: none"> i. legal road; or ii. esplanade reserve; or iii. esplanade strip wider than 10m exists between a downstream waterway and a <u>site</u> being assessed, Council's discretion with respect to that part of the <u>site</u> separated from the water body is restricted to: iv. Natural Hazards – 6.6.3.1
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RD2	<p>New <u>buildings</u> or other structures in a city and settlement <u>water body setback</u>; and <u>buildings</u> or other structures that exceed the activity specific standards in P2-P8.</p> <p>Note:</p> <p>1. Council shall consult with tangata whenua upon any application being required under these rules in respect to upstream or downstream rivers.</p>	<p><i>All water body classifications</i></p> <ul style="list-style-type: none"> a. Natural Hazards – 6.6.3.1 b. Natural Values – 6.6.3.2 c. Maintenance Access – 6.6.3.5 <p><i>Additional for Downstream Waterways, Upstream Waterways, and Environmental Asset Standing Water Bodies</i></p> <ul style="list-style-type: none"> d. Amenity and Character – 6.6.3.3 e. Cultural Values – 6.6.3.4 f. Public / Recreational Access – 6.6.3.6 <p><i>Additional for Environmental Asset Waterways</i></p> <ul style="list-style-type: none"> g. Amenity and Character – 6.6.3.3 h. Cultural Values – 6.6.3.4 <p><i>Additional for Hill Waterways</i></p> <ul style="list-style-type: none"> i. Cultural Values – 6.6.3.4 <p><i>Exception for <u>sites</u> adjoining downstream waterways with features intervening between the <u>site</u> and the waterway</i></p> <ul style="list-style-type: none"> j. Where a: <ul style="list-style-type: none"> i. legal road; or ii. esplanade reserve; or iii. esplanade strip wider than 10m exists between a downstream waterway and a <u>site</u> being assessed, Council's discretion with respect to that part of the <u>site</u> separated from the water body is restricted to: iv. Natural Hazards – 6.6.3.1
RD4	<u>Plantation forestry</u>	<p>In addition to the Matters of Discretion for Plantation Forestry in 17.8.2.4:</p> <ul style="list-style-type: none"> a. Natural Hazards – 6.6.3.1
RD5	<u>Water body bank maintenance or enhancement works</u> not meeting the standards in P7	<ul style="list-style-type: none"> a. Natural Hazards – 6.6.3.1 b. Natural Values – 6.6.3.2

6.6.2.3.5 Discretionary activities

Activity	
D1	<p>Any activity within a <u>water body setback</u> that would otherwise be a restricted discretionary activity under Rule 6.6.2.3.4 when located adjacent to a <u>water body</u> identified as a Site of Ecological Significance or in a Silent File area.</p> <p>Note:</p> <ol style="list-style-type: none"> 1. Council shall consult with tangata whenua upon any application being required under these rules in respect to upstream or downstream rivers.

6.6.2.3.6 Non-complying activities

There are no Non-complying activities

6.6.2.3.7 Prohibited activities

There are no Prohibited activities.

6.6.2.4 Activity status tables - Natural area water body setbacks

6.6.2.4.1 Area of effect

- a. The rules for Natural area water body setbacks in Rule 6.6.2.4 apply within the following areas:

	Water body classification	Setback width	Area of effect	Activities controlled
i.	Downstream waterway	30m	Measured from the banks of waterways indicated on the Planning Maps (see Appendix 6.11.5.3 for interpretation of "bank")	Earthworks; Buildings and other structures;
ii.	Upstream waterway	20m		Earthworks; Buildings and other structures;
iii.	Environmental asset waterway	20m		Earthworks; Buildings and other structures;
iv.	<u>Network waterway</u>	5m	Measured from the banks of waterways falling under the definition of " <u>network waterway</u> "	Earthworks; Buildings and other structures
v.	<u>Hill waterway</u>	20m	Measured from the centreline of waterways falling under the definition of " <u>hill waterway</u> "	Earthworks; Buildings and other structures;

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	Water body classification	Setback width	Area of effect	Activities controlled
vi.	Environmental asset standing water body	20m	Measured from the banks of water bodies indicated on the Planning Maps (see Appendix 6.11.5.2 and 6.11.5.3 for interpretation of “bank”)	Earthworks; Buildings and other structures;

b. Where more than one water body setback apply to the same area, the rules for the larger setback apply.

6.6.2.4.2 Permitted activities

- Within the setbacks indicated in s.6.6.2.4.1, the following activities are permitted activities for the purposes of s6.6 if they comply with all relevant Activity Specific Standards set out in this table.
- Activities may also be Restricted Discretionary, Discretionary, or Non-Complying as specified in Rules 6.6.2.4.4, 6.6.2.4.5, and 6.6.2.4.6.

Activity		Activity Specific Standards
<u>Earthworks</u> For the purposes of these rules “ <u>earthworks</u> ” excludes quarrying		
P1	Any test pits or boreholes necessary as part of a geotechnical assessment or contaminated land assessment	a. Land subject to any such testing shall be reinstated within two working days of the conclusion of the testing period.
<u>Buildings and other structures</u> For the purposes of these rules “ <u>building</u> ” includes “ <u>accessory building</u> ”. The definition of <u>building</u> includes decks.		
P2	Use, maintenance or repair of lawfully-established <u>buildings</u> existing at the time of notification of this plan for activities otherwise permitted by the Plan	a. NIL
P3	Removal or demolition of any <u>building</u> or part of a <u>building</u> including associated <u>earthworks</u>	a. No lawfully established flood protection or erosion or bank stability control structures shall be removed. b. No parts of the structure shall remain in the <u>setback</u> that could catch debris or otherwise affect land drainage.

P4	<p>Fences</p> <p>Any application arising from non-compliance with this rule in the setback of a <u>network waterway</u> or <u>hill waterway</u> will not require written approvals and shall not be limited or publicly notified.</p>	<ul style="list-style-type: none"> a. Fences shall not be built over any part of a <u>water body</u>. b. Any fence shall allow access to the <u>water body</u> for maintenance purposes. c. Any fence shall not be located closer to the <u>water body</u> than 3m or 1/3 of the normal <u>setback</u> width, whichever is the lesser. d. Any fence shall consist of no greater than 20% solid structure. <p><i>Exceptions:</i></p> <ul style="list-style-type: none"> 1. Temporary fencing or construction hoarding remaining on a <u>site</u> for less than three months are exempt from the Activity Specific Standards. 2. Where a legal road, esplanade reserve or esplanade strip exists between the <u>water body</u> and the fence, the Activity Specific Standards shall not apply.
P5	<p>Culverts for <u>network waterways</u></p> <p>Any application arising from non-compliance with this rule will not require written approvals and shall not be limited or publicly notified.</p>	<ul style="list-style-type: none"> a. Culverts for <u>network waterways</u> shall be designed in accordance with Christchurch City Council's Waterways, Wetlands and Drainage Guide.
Maintenance		
P6	<p><u>Water body bank maintenance or enhancement works</u> where undertaken by any territorial or regional authority, the Department of Conservation or Te Rūnanga o Ngāi Tahu;</p>	<ul style="list-style-type: none"> a. Works shall not prevent the passage of fish. b. Works shall not be undertaken in the flowing channel at spawning sites for trout and inanga. c. Erosion and sediment controls in accordance with the Christchurch City Council's "Waterways and Drainage Guide 2003" and the Canterbury Regional Council's "Erosion and Sediment Control Guideline 2007" shall be installed on all <u>earthworks</u>.

P7	Any works related to the operation, repair or maintenance of <u>transport infrastructure</u>	<p>a. Erosion and sediment controls in accordance with the Christchurch City Council's "Waterways and Drainage Guide 2003" and the Canterbury Regional Council's "Erosion and Sediment Control Guideline 2007" shall be installed on all <u>earthworks</u>.</p> <p>b. The <u>carriageway</u> shall not be extended closer to the <u>water body</u> in such a way that it permanently removes or reduces vegetation between the existing paved area and the <u>water body</u>.</p>
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6.6.2.4.3 Controlled activities

There are no Controlled activities.

6.6.2.4.4 Restricted discretionary activities

- a. The activities listed below are Restricted Discretionary Activities. Discretion to grant or decline consent and impose conditions is restricted to the Matters of Discretion set out in 6.6.3 for each standard, as set out in the following table.

Activity		The Council's discretion shall be limited to the following Matters:
RD1	<p><u>Earthworks</u> in a Natural area <u>water body setback</u> not exempted by 6.6.2.1.4 or that exceed the Activity Specific Standards in P1.</p> <p>Note: 1. Council shall consult with tangata whenua upon any application being required under these rules in respect to upstream or downstream rivers.</p>	<p><i>All water body classifications</i></p> <p>a. Natural Hazards – 6.6.3.1</p> <p>b. Maintenance Access – 6.6.3.5</p> <p>c. Natural Values – 6.6.3.2</p> <p>d. Amenity and Character – 6.6.3.3</p> <p>e. Cultural Values – 6.6.3.4</p> <p>f. Public / Recreational Access – 6.6.3.6</p>
RD2	<p>New <u>buildings</u> or other structures in a city and settlement <u>water body setback</u>; and <u>buildings</u> or other structures that exceed the activity specific standards in P2-P5.</p> <p>Note: 1. Council shall consult with tangata whenua upon any application being required under these rules in respect to upstream or downstream rivers.</p>	<p><i>All water body classifications</i></p> <p>a. Natural Hazards – 6.6.3.1</p> <p>b. Maintenance Access – 6.6.3.5</p> <p>c. Natural Values – 6.6.3.2</p> <p>d. Amenity and Character – 6.6.3.3</p> <p>e. Cultural Values – 6.6.3.4</p> <p>f. Public / Recreational Access – 6.6.3.6</p>

RD4	<u>Water body bank maintenance or enhancement works</u> not meeting the standards in P7	a. Natural Hazards – 6.6.3.1 b. Natural Values – 6.6.3.2
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6.6.2.4.5 Discretionary activities

Activity	
D1	<p>Any activity within a <u>water body setback</u> that would otherwise be a restricted discretionary activity under Rule 6.6.2.4.4 when located adjacent to a <u>water body</u> identified as a Site of Ecological Significance or in a Silent File area.</p> <p>Note:</p> <ol style="list-style-type: none"> 1. Council shall consult with tangata whenua upon any application being required under these rules.

6.6.2.4.6 Non-complying activities

There are no Non-Complying activities

6.6.2.4.7 Prohibited activities

There are no Prohibited activities.

6.6.3 Matters of discretion

6.6.3.1 Natural hazards

All activities

- a. Any adverse effects on surface drainage.
 - i. Earthworks, buildings, or other structures including fences, decks, posts and struts, located in water body setbacks shall not impede the capability of waterway channels or ponding areas to store or convey surface water.
 - ii. Adverse effects shall not be displaced to adjacent properties.
- b. The cumulative effect of developments adjacent to the water body on land drainage or flood risk.
- c. Any adverse effects likely as a result of tidal influences during flood periods including the potential for exacerbation of effects with sea level rise.
- d. The likely effects on the natural functioning of the water body, including any likelihood of work undertaken exacerbating inundation, erosion, alluvion or avulsion whether upstream or downstream of the site.
- e. Any adverse effects on access to and along the water body for maintenance of natural hazard protection works.
- f. Any beneficial effects of the proposal for the function of the water body such as decreased likelihood of blockage or improved surface drainage where these effects remain consistent with protecting the ecological health of the water body.

Additional for buildings

- g. The risk of damage to buildings and property posed by natural hazards including flooding, liquefaction (including lateral spread) and slumping and the scale and likelihood of that potential damage.

Additional within a Floor Level and Fill Management Area:

The Proposed Christchurch Replacement District Plan

- h. Refer also to the Matters of Discretion for filling, excavation and building in a Floor Level and Fill Management Area (5.8.1.2).

6.6.3.2 Natural values

- a. Any beneficial or adverse effects on the natural qualities of the water body and the ecology of areas within and adjacent to the water body including cumulative effects.
- b. The degree of protection, enhancement and provision for diverse habitats of indigenous plants and animals.
- c. The extent to which naturalisation of the water body is achieved at the time of development or potential for naturalisation in the future is retained.
- d. The extent to which the water body is part of an established ecological corridor or has the potential to connect with existing ecological corridors.
- e. Any adverse effects of discharge of sediment to the water body and the downstream receiving environment.
- f. The timing and duration of any proposed earthworks or construction and its implication for seasonal and long-term natural cycles in the water body habitat.
- g. Proximity of any proposed earthworks or buildings to significant trees.
- h. The extent to which the proposal is consistent with any relevant operative Council-approved master plans or management plans.
- i. The extent to which the proposal avoids, or has minimal adverse effect (including cumulative effects) on the natural values of the area including:
 - i. biodiversity;
 - ii. nesting, feeding and breeding areas;
 - iii. the habitat of threatened or protected species, both terrestrial and aquatic;
 - iv. disruption of ecological corridors or other connections between ecosystems.

6.6.3.3 Amenity and character

- a. Any beneficial or adverse visual impacts on the natural form and character of the water body including landscape treatment, screening, site layout and design and preservation of viewing opportunities of the water body from adjoining sites.
- b. The proximity of any buildings to significant landscape features including areas of Outstanding, Very High and High Natural Character.
- c. The degree to which the proximity or bulk of any structure dominates or otherwise detracts from the spaciousness and open character of the water body.
- d. The extent to which the proposal is consistent with any relevant operative Council-approved master plans or management plans.

6.6.3.4 Cultural values and practices

- a. Any beneficial or adverse effects on mahinga kai or customary harvesting.
- b. Any beneficial or adverse effects on wahi tapu or wahi taonga.
- c. The degree to which the proposal has regard to the objectives and policies of the Mahaanui Iwi Management Plan.
- d. Any adverse effects on sites of archaeological significance or historic heritage.

6.6.3.5 Maintenance access

- a. Any adverse effects on access to or along the water body for maintenance.

6.6.3.6 Public/Recreational access

- a. Any beneficial or adverse effects on legal public or recreational access to or along the water body.