

# PLAN CHANGE 27 – UPDATING DISTRICT PLAN REFERENCES



## I Plan Change 27 – Updating District Plan References

### Proposed changes

The changes proposed by this Plan change are as follows. Additions are underlined and deletions are shown as ~~striketrough~~.

#### 1. Amend Zone Standards 5.3.5.2 as follows:

##### 5.3.5.2 Zone Standards

...

##### iv Surface of Lakes and Rivers

- (a) Motorised craft on the surfaces of lakes and rivers shall be operated and conducted such that a maximum noise sound level (~~L<sub>max</sub>~~) of 77\_dBA L<sub>ASmax</sub> is not exceeded, when measured and assessed in accordance with Appendix 2.

...

##### v Noise

~~Non-residential activities shall be conducted such that the following noise levels are not exceeded, neither at, nor within, the notional boundary of any residential unit, other than residential units on the same site as the activity:~~

- (a) ~~during daytime (0800 to 2000 hrs) L10 50dBA.~~
- (b) ~~during night time (2000 to 0800 hrs) L10 40dBA and Lmax 70dBA. **except:**~~
- (i) ~~When associated with farming and forestry activities, this standard shall only apply to noise from stationary motors and stationary equipment.~~

- (ii) ~~Noise from aircraft operations at Queenstown Airport is exempt from the above standards.~~

~~Construction noise shall comply with and be measured and assessed in accordance with the relevant New Zealand Standard.~~

- (a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within the notional boundary of any residential unit, other than residential units on the same site as the activity:
- (i) daytime (0800 to 2000 hrs) 50 dB L<sub>Aeq(15 min)</sub>
- (ii) night-time (2000 to 0800 hrs) 40 dB L<sub>Aeq(15 min)</sub>
- (iii) night-time (2000 to 0800 hrs) 70 dB L<sub>AFmax</sub>
- (b) Sound from non-residential activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.
- (c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.
- (d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.
- (e) When associated with farming and forestry activities, the noise limits in (a) shall only apply to sound from stationary motors and stationary equipment.
- (f) The noise limits in (a) shall not apply to sound from aircraft operations at Queenstown Airport.

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## 2. Amend Zone Standards 5.7.5.2 as follows:

### 5.7.5.2 Zone Standards

#### iii Noise

~~Non-residential activities shall be conducted such that the following noise levels are not exceeded, neither at, nor within, the notional boundary of any residential unit, other than residential units on the same site as the activity:~~

- ~~(a) during daytime  $L_{40}$  50dBA~~
- ~~(b) during night time  $L_{40}$  40dBA and  $L_{max}$  70dBA~~

#### **except:**

- (i) ~~Nothing in this rule applies to the use of agricultural vehicles, machinery or mobile portable agricultural machinery, wind machines and frost fighting devices whether stationary or not, operated in accordance with the manufacturer's specifications. This rule shall also not apply to the use of bird scaring devices which rely upon the generation of noise for the efficiency of the device.~~

#### **Provided that:**

~~No single event of noise ( $L_{100}$ ) shall exceed 85 dBA measured at the notional boundary 20m from a dwelling house on an adjacent site.~~

~~Construction noise shall comply with and be measured and assessed in accordance with the relevant New Zealand Standard.~~

- (a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point

within the notional boundary of any residential unit, other than residential units on the same site as the activity:

- (i) daytime (0800 to 2000 hrs) 50 dB  $L_{Aeq(15\ min)}$
- (ii) night-time (2000 to 0800 hrs) 40 dB  $L_{Aeq(15\ min)}$
- (iii) night-time (2000 to 0800 hrs) 70 dB  $L_{AFmax}$
- (b) Sound from non-residential activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.
- (c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.
- (d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.
- (e) The noise limits in (a) shall not apply to sound from bird scaring devices, agricultural vehicles, machinery or mobile portable agricultural machinery, wind machines and frost fighting devices whether stationary or not, operated in accordance with the manufacturer's specifications. Sound from these sources measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed 85 dB  $L_{AFmax}$  at any point within the notional boundary of any residential unit, other than residential units on the same site as the activity.

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## 3. Amend Zone Standards 6.2.5.2 as follows:

### 6.2.5.2 Zone Standards

#### iv Noise

On any site, activities shall be conducted such that the following noise levels are not exceeded at any Residential Zone boundary or at any boundary of Activity Areas 1, 3, 4, 6 and 7 of the Remarkables Park Zone:

- ~~0800 – 2000 hrs 55dBAL<sub>L10</sub> (Monday to Saturday)~~
- ~~2000 – 0800 hrs 45dBAL<sub>L10</sub> and 70dBA L<sub>max</sub>~~

(a) Sound from activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any Residential Zone or at any point within Activity Areas 1, 3, 4, 6 and 7 of the Remarkables Park Zone:

- (i) daytime (0800 to 2000 hrs) 55 dB L<sub>Aeq(15 min)</sub>
- (ii) night-time (2000 to 0800 hrs) 45 dB L<sub>Aeq(15 min)</sub>
- (iii) night-time (2000 to 0800 hrs) 70 dB L<sub>AFmax</sub>

(b) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.

(c) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

## 4. Amend Zone Standards 7.5.5.2 as follows:

### 7.5.5.2 Zone Standards - Residential Activities and Visitor Accommodation in the High Density Residential Zone

#### xi Noise

~~Visitor Accommodation activities shall be so conducted that the following noise limits are not exceeded at any point within the boundary of any other site within this zone:~~

- ~~Daytime 0800- 2000 hours 50dBA L<sub>L10</sub>~~
- ~~Night-time 2000- 0800 hours 40dBA L<sub>L10</sub> and 70dBA L<sub>max</sub>~~

~~Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS6082:1991.~~

~~(a) Visitor accommodation activities conducted within the Residential Zone shall not exceed adjoining zone noise limits at any point within the boundary of any site within that adjoining zone.~~

~~(b) Activities conducted in adjoining zones shall not exceed Residential Zone noise limits at any point within the boundary of any site within the Residential Zone.~~

(a) Sound from visitor accommodation activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:

- (i) daytime (0800 to 2000 hrs) 50 dB L<sub>Aeq(15 min)</sub>
- (ii) night-time (2000 to 0800 hrs) 40 dB L<sub>Aeq(15 min)</sub>
- (iii) night-time (2000 to 0800 hrs) 70 dB L<sub>AFmax</sub>

(b) Sound from visitor accommodation activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.

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- (c) ~~The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.~~
- (d) ~~The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.~~

## 5. Amend Zone Standards 7.5.6.2 as follows:

### 7.5.6.2 Zone Standards - Non-Residential Activities (other than Visitor Accommodation in the High Density Residential Zone)

#### ... vii Noise

- ~~(a) Non-residential activities shall be so conducted that the following noise limits are not exceeded at any point within the boundary of any other site within this zone:  
  
Daytime 0800 – 2000 hours 50dBA L<sub>10</sub>  
  
Night time 2000 – 0800 hours 40dBA L<sub>10</sub> and L<sub>max</sub> 70dBA  
  
Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991.~~
- ~~(b) Noise from aircraft operations at Queenstown Airport is exempt from the above standards.~~
- ~~(c) Construction noise shall comply with and be measured and assessed in accordance with the relevant New Zealand Standard.~~
- ~~(d) Activities conducted in adjoining zones shall not exceed Residential Zone noise limits at any point within the boundary of any site within the Residential Zone.~~

- (a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:

- (i) daytime (0800 to 2000 hrs) 50 dB L<sub>Aeq(15 min)</sub>
- (ii) night-time (2000 to 0800 hrs) 40 dB L<sub>Aeq(15 min)</sub>
- (iii) night-time (2000 to 0800 hrs) 70 dB L<sub>AFmax</sub>

- (b) Sound from non-residential activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.

- (c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.

- (d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

- (e) The noise limits in (a) shall not apply to sound from aircraft operations at Queenstown Airport.

## 6. Amend Zone Standards 7.6.6.2 as follows:

### 7.6.6.2 Zone Standards - Non-Residential Activities

#### ... vi Noise

- ~~(a) Non-residential activities shall be so conducted that the following noise limits are not exceeded at any point within the boundary of any other site within this zone:~~

~~Daytime 0800 – 2000 hours 50dBA L<sub>10</sub>~~

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~~Night time 2000 – 0800 hours — 40dBA L10 and Lmax 70dBA~~

~~Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991.~~

~~(b) Construction noise shall comply with and be measured and assessed in accordance with the relevant New Zealand Standard.~~

~~(c) Activities conducted in adjoining zones shall not exceed Residential Zone noise limits at any point within the boundary of any site within the Residential Zone.~~

~~(a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:~~

~~(i) daytime (0800 to 2000 hrs) 50 dB L<sub>Aeq(15 min)</sub>~~

~~(ii) night-time (2000 to 0800 hrs) 40 dB L<sub>Aeq(15 min)</sub>~~

~~(iii) night-time (2000 to 0800 hrs) 70 dB L<sub>AFmax</sub>~~

~~(b) Sound from non-residential activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.~~

~~(c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.~~

~~(d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.~~

## 7. Amend Zone Standards 8.2.4.2 as follows:

### 8.2.4.2 Zone Standards

...  
iii Noise

~~(a) Non-residential activities shall be so conducted that the following noise limits are not exceeded at any point within the boundary of any other site within this zone:~~

~~Daytime 0800 – 2000 hours — 50dBA L10~~

~~Night time 2000 – 0800 hours — 40dBA L10 and Lmax 70dBA~~

~~Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991.~~

~~(b) Construction noise shall comply with and be measured and assessed in accordance with the relevant New Zealand Standard.~~

~~(a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:~~

~~(i) daytime (0800 to 2000 hrs) 50 dB L<sub>Aeq(15 min)</sub>~~

~~(ii) night-time (2000 to 0800 hrs) 40 dB L<sub>Aeq(15 min)</sub>~~

~~(iii) night-time (2000 to 0800 hrs) 70 dB L<sub>AFmax</sub>~~

~~(b) Sound from non-residential activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.~~

~~(c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.~~

~~(d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.~~

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## 8. Amend Zone Standards 9.2.5.2 as follows:

### 9.2.5.2 Zone Standards

#### vi Noise

~~Non-residential activities shall be conducted so that the following noise limits are not exceeded at any point within the boundary of any other site in this zone:~~

~~Daytime 0800 – 2000 hours — L10 50dBA  
Night time 2000 – 0800 hours — L10 40dBA and Lmax 70dBA~~

~~Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991.~~

~~Construction noise shall comply with and be measured and assessed in accordance with the relevant New Zealand Standard~~

~~(a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:~~

~~(i) daytime (0800 to 2000 hrs) 50 dB L<sub>Aeq(15 min)</sub>~~

~~(ii) night-time (2000 to 0800 hrs) 40 dB L<sub>Aeq(15 min)</sub>~~

~~(iii) night-time (2000 to 0800 hrs) 70 dB L<sub>AFmax</sub>~~

~~(b) Sound from non-residential activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.~~

~~(c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.~~

~~(d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand~~

Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

## 9. Amend Zone Standards 10.6.5.2 as follows:

### 9.2.5.3 Zone Standards

#### ii Noise

~~(a) Activities shall be so conducted that the following noise limits are not exceeded at any point within the boundary of any other site within this zone:~~

- ~~• daytime (0800 – 2200 hrs) 60dBA L<sub>10</sub>~~
- ~~• night time (2200 – 0800 hrs) 50dBA L<sub>10</sub> and 70dBA Lmax~~

~~Except that in the Town Centre Transition sub-zone activities shall be so conducted that the following noise limits are not exceeded at any point within the boundary of any other site within this zone:~~

- ~~• daytime (0900 – 2200 hrs) 50dBA L<sub>10</sub>~~
- ~~• night time (2200 – 0800 hrs) 40dBA L<sub>10</sub> and 70dBA Lmax~~

~~(b) Construction noise shall be measured and assessed in accordance with the relevant New Zealand Standard.~~

~~• Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991~~

~~• Note: Refer also to the zone standards for the Residential and Remarkables Park Zones for noise limits on activities in adjoining zones.~~

~~(a) Sound from activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:~~

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- (i) daytime (0800 to 2200 hrs) 60 dB L<sub>Aeq(15 min)</sub>
- (ii) night-time (2200 to 0800 hrs) 50 dB L<sub>Aeq(15 min)</sub>
- (iii) night-time (2200 to 0800 hrs) 70 dB L<sub>AFmax</sub>

(b) Sound from activities in the Town Centre Transition sub-zone measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:

- (i) daytime (0800 to 2200 hrs) 50 dB L<sub>Aeq(15 min)</sub>
- (ii) night-time (2200 to 0800 hrs) 40 dB L<sub>Aeq(15 min)</sub>
- (iii) night-time (2200 to 0800 hrs) 70 dB L<sub>AFmax</sub>

(c) Sound from activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.

(d) The noise limits in (a) and (b) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.

(e) The noise limits in (a) and (b) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

## 10. Amend Zone Standards 10.7.5.2 as follows:

### 10.7.5.2 Zone Standards

#### ... i Noise

(a) ~~Activities shall be so conducted that the following noise limits are not exceeded at any point within the boundary of any other site in this zone:~~

- ~~daytime (0800 – 2200 hrs) 60dBA L<sub>10</sub>~~
- ~~night time (2200 – 0800 hrs) 50dBA L<sub>10</sub> and 70dBA L<sub>max</sub>~~

~~(b) Construction noise shall be measured and assessed in accordance with the relevant New Zealand Standard.~~

~~(1) Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991~~

~~(2) Note: Refer also to the zone standards for the Residential and Remarkables Park Zones for noise limits on activities in adjoining zones.~~

(a) Sound from activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:

- (i) daytime (0800 to 2200 hrs) 60 dB L<sub>Aeq(15 min)</sub>
- (ii) night-time (2200 to 0800 hrs) 50 dB L<sub>Aeq(15 min)</sub>
- (iii) night-time (2200 to 0800 hrs) 70 dB L<sub>AFmax</sub>

(b) Sound from activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.

(c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.

(d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

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## 11. Amend Zone Standards 10.8.5.2 as follows:

### 10.8.5.2 Zone Standards

#### ii Noise

- (a) ~~Activities shall be so conducted that the following noise limits are not exceeded at any point within the boundary of any other site in this zone:~~

~~— daytime (0800 – 2200 hrs) 60dBA L<sub>10</sub>  
— night time (2200 – 0800 hrs) 50dBA L<sub>10</sub> and 70dBA L<sub>max</sub>~~

- (b) ~~Construction noise shall be measured and assessed in accordance with the relevant New Zealand Standard.~~

~~(1) Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991~~

~~(2) Note: Refer also to the zone standards for the Residential and Remarkables Park Zones for noise limits on activities in adjoining zones.~~

- (a) Sound from activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:

(i) daytime (0800 to 2200 hrs) 60 dB L<sub>Aeq(15 min)</sub>

(ii) night-time (2200 to 0800 hrs) 50 dB L<sub>Aeq(15 min)</sub>

(iii) night-time (2200 to 0800 hrs) 70 dB L<sub>AFmax</sub>

- (b) Sound from activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.

- (c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.

- (d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

## 12. Amend Zone Standards 10.9.5.2 as follows:

### 10.9.5.2 Zone Standards

#### ii Noise

- (a) ~~Activities shall be so conducted that the following noise limits are not exceeded at any point within the boundary of any other site in this zone:~~

~~— daytime (0800 – 2200 hrs) 60dBA L<sub>10</sub>  
— night time (2200 – 0800 hrs) 50dBA L<sub>10</sub> and 70dBA L<sub>max</sub>~~

- (b) ~~Construction noise shall be measured and assessed in accordance with the relevant New Zealand Standard.~~

~~(1) Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991~~

~~(2) Note: Refer also to the zone standards for the Residential and Remarkables Park Zones for noise limits on activities in adjoining zones.~~

- (a) Sound from activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:

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- (i) daytime (0800 to 2200 hrs) 60 dB L<sub>Aeq(15 min)</sub>
  - (ii) night-time (2200 to 0800 hrs) 50 dB L<sub>Aeq(15 min)</sub>
  - (iii) night-time (2200 to 0800 hrs) 70 dB L<sub>AFmax</sub>
- (b) Sound from activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.
- (c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.
- (d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.
- (e) The noise limits in (a) shall not apply to sound from aircraft operations at Queenstown Airport.

## 13. Amend Zone Standards 11.2.5.2 as follows:

### 11.2.5.2 Zone Standards

...  
ii Noise

~~Non-residential activities shall be conducted so that the following noise limits are not exceeded at the boundary of this zone.~~

- ~~— 0800 – 2000 hrs — 60dBA L<sub>40</sub>~~
- ~~— 2000 – 0800 hrs — 50dBA L<sub>40</sub> and 70 dBA L<sub>max</sub>~~

- (1) ~~Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991~~

- (2) ~~Note: Refer also to the zone standards for the Residential and Remarkables Park zones for noise limits on activities in adjoining zones.~~

- (a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any site outside this zone:

- (i) daytime (0800 to 2000 hrs) 60 dB L<sub>Aeq(15 min)</sub>
- (ii) night-time (2000 to 0800 hrs) 50 dB L<sub>Aeq(15 min)</sub>
- (iii) night-time (2000 to 0800 hrs) 70 dB L<sub>AFmax</sub>

- (b) Sound from non-residential activities which is received in another zone shall also comply with the noise limits set in the zone standards for that zone.

- (c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.

- (d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

## 14. Amend Zone Standards 11.3.5.2 as follows:

### 11.3.5.2 Zone Standards

...  
i Noise

~~Non-residential activities shall be conducted so that the following noise limits are not exceeded at the boundary of the zone:~~

- ~~— 0800 – 2000 hrs — L<sub>40</sub> 60dBA~~
- ~~— 2000 – 0800 hrs — L<sub>40</sub> 50dBA and 70 dBA L<sub>max</sub>~~

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Noise from aircraft operations at Queenstown Airport is exempt from the above standards.

\* ~~(1) Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991~~

\* ~~(2) Note: Refer also to the zone standards for the Residential and Remarkables Park Zones for noise limits on activities in adjoining zones.~~

(a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any site outside this zone:

(i) daytime (0800 to 2000 hrs) 60 dB  $L_{Aeq(15 min)}$

(ii) night-time (2000 to 0800 hrs) 50 dB  $L_{Aeq(15 min)}$

(iii) night-time (2000 to 0800 hrs) 70 dB  $L_{AFmax}$

(b) Sound from non-residential activities which is received in another zone shall also comply with the noise limits set in the zone standards for that zone.

(c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.

(d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

(e) The noise limits in (a) shall not apply to sound from aircraft operations at Queenstown Airport.

## 15. Amend Zone Standards 12.2.5.2 as follows:

### 12.2.5.2 Zone Standards

ix Noise

~~(a) In the Millbrook Resort and Jacks Point Zones non-residential activities shall be conducted so the following noise limits are not exceeded at any point within the boundary of the Residences Activities Area shown on Figure 1 and the Structure Plans.~~

~~Daytime 0800 – 2000 hours 50dBAL<sub>10</sub>~~

~~Night time 2000 – 0800 hours 40dBAL<sub>10</sub> and 70dBAL<sub>max</sub>~~

~~(b) In the Waterfall Park Zone non-residential activities, shall be conducted so the following noise levels are not exceeded at any point within the boundary of the zone:~~

~~Daytime 0800 – 2000 hours 50dBAL<sub>10</sub>~~

~~Night time 2000 – 0800 hours 40dBAL<sub>10</sub> and L<sub>max</sub>70dBAL~~

~~(c) Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991. Construction noise shall comply with and be measured and assessed in accordance with the relevant New Zealand Standard.~~

(a) In the Millbrook Resort and Jacks Point Zones sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within the Residences Activities Areas shown on Figure 1 and the Structure Plans:

(i) daytime (0800 to 2000 hrs) 50 dB  $L_{Aeq(15 min)}$

(ii) night-time (2000 to 0800 hrs) 40 dB  $L_{Aeq(15 min)}$

(iii) night-time (2000 to 0800 hrs) 70 dB  $L_{AFmax}$

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- (b) In the Waterfall Park Zone sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within this zone:
  - (i) daytime (0800 to 2000 hrs) 50 dB  $L_{Aeq(15\ min)}$
  - (ii) night-time (2000 to 0800 hrs) 40 dB  $L_{Aeq(15\ min)}$
  - (iii) night-time (2000 to 0800 hrs) 70 dB  $L_{AFmax}$
- (c) Sound from non-residential activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.
- (d) The noise limits in (a) and (b) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.
- (e) The noise limits in (a) and (b) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

## 16. Amend Zone Standards 12.4.5.2 as follows:

### 12.4.5.2 Zone Standards

#### ... iii Noise

- (a) ~~Non-residential activities shall be conducted so the following noise limits are not exceeded at any point within the boundary of the zone.~~
  - ~~Daytime 0800 – 2000 hours 50dBA  $L_{10}$~~
  - ~~Night time 2000 – 0800 hours 40dBA  $L_{10}$  and 70dBA  $L_{max}$~~

- ~~(b) Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991.~~
- ~~(c) Construction noise shall comply with and be measured and assessed in accordance with the relevant New Zealand Standard.~~
- (a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within this zone:
  - (i) daytime (0800 to 2000 hrs) 50 dB  $L_{Aeq(15\ min)}$
  - (ii) night-time (2000 to 0800 hrs) 40 dB  $L_{Aeq(15\ min)}$
  - (iii) night-time (2000 to 0800 hrs) 70 dB  $L_{AFmax}$
- (b) Sound from non-residential activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.
- (c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.
- (d) The noise limits in (a) and (b) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

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## 17. Amend Zone Standards 12.7.5.2 as follows:

### 12.7.5.2 Zone Standards

#### ii Noise

All activities in the Zone shall be conducted such that the following noise levels are not exceeded at the boundary of any other site in the zone:

Daytime (0800 – 2000 hours) 55dBA  $L_{10}$

Night time (2000 – 0800 hours) 45dBA  $L_{10}$

and  $L_{max}$  of the Lower 75 dBA or the background sound level plus 30 dBA

Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991. Construction noise shall comply with and be measured and assessed in accordance with the relevant New Zealand Standard.

(a) Sound from activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:

(i) daytime (0800 to 2000 hrs) 55 dB  $L_{Aeq(15 min)}$

(ii) night-time (2000 to 0800 hrs) 45 dB  $L_{Aeq(15 min)}$

(iii) night-time (2000 to 0800 hrs) 75 dB  $L_{AFmax}$

(b) Sound from activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.

(c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.

(d) The noise limits in (a) and (b) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

## 18. Amend Zone Standards 12.9.5.2 as follows:

### 12.9.5.2 Zone Standards

#### v Noise

(a) All activities in the Zone shall be conducted so the following noise levels are not exceeded at the boundary of any other site in the zone:

Daytime (0800 – 2000 hours) 55dBA  $L_{10}$

Night time (2000 – 0800 hours) 45dBA  $L_{10}$

and  $L_{max}$  of the Lower 75 dBA or the background sound level plus 30 dBA

(b) Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991.

(a) Sound from activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:

(i) daytime (0800 to 2000 hrs) 55 dB  $L_{Aeq(15 min)}$

(ii) night-time (2000 to 0800 hrs) 45 dB  $L_{Aeq(15 min)}$

(iii) night-time (2000 to 0800 hrs) 75 dB  $L_{AFmax}$

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- (b) Sound from activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.
- (c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.
- (d) The noise limits in (a) and (b) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

19. Amend Zone Standards 12.11.5.2 as follows:

12.11.5.2 Zone Standards

iii Noise

- (a) ~~In all Activity Areas non-residential activities shall be so conducted that the following noise limits are not exceeded at any point within the boundary of any other site:~~

~~Day-time 0700-2200 hour 55dBA L<sub>40</sub>  
 Night-time 2200-0700 hours 45dBA L<sub>10</sub> and 70dBA L<sub>max</sub>~~

**Except:**

~~In Activity Areas 3, 4, 5, and 7, non-residential activities may be conducted within the following noise limits so long as they are not exceeded at any point within the boundary of any other site within Activity Areas 3, 4, 5, and 7:~~

~~Day-time 0700-2200 hours 60dBA L<sub>40</sub>  
 Night-time 2200-0700 hours 50dBA L<sub>10</sub> and 70dBA L<sub>max</sub>~~

~~Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991.~~

- ~~(b) Activities conducted in adjoining zones shall not exceed Remarkables Park Zone noise limits at any point within the boundary of any site within the Remarkables Park Zone.~~
- ~~(c) Construction noise shall comply with and be measured and assessed in accordance with the relevant New Zealand Standard.~~
- ~~(d) Noise from aircraft operations at Queenstown Airport is exempt from the above standards.~~
- (a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:

- (i) daytime (0700 to 2200 hrs) 55 dB L<sub>Aeq(15 min)</sub>
- (ii) night-time (2200 to 0700 hrs) 45 dB L<sub>Aeq(15 min)</sub>
- (iii) night-time (2200 to 0700 hrs) 70 dB L<sub>AFmax</sub>

- (b) The noise limits in (a) shall not apply to sound received within Activity Areas 3, 4, 5 and 7. Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in Activity Areas 3, 4, 5 and 7:

- (i) daytime (0700 to 2200 hrs) 60 dB L<sub>Aeq(15 min)</sub>
- (ii) night-time (2200 to 0700 hrs) 50 dB L<sub>Aeq(15 min)</sub>
- (iii) night-time (2200 to 0700 hrs) 70 dB L<sub>AFmax</sub>

- (c) Sound from non-residential activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.

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- (d) The noise limits in (a) and (b) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.
- (e) The noise limits in (a) and (b) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.
- (f) The noise limits in (a) and (b) shall not apply to sound from aircraft operations at Queenstown Airport.

## 20. Amend Zone Standards 12.15.5.2 as follows:

### 12.15.5.2 Zone Standards

#### ... vii Noise

~~Non-residential activities shall be conducted so the following noise levels are not exceeded at the boundary of the zone:~~

~~Daytime 0800 – 2000 hours 50 dBA L<sub>10</sub>~~

~~Night-time 2000 – 0800 hours 40 dBA L<sub>10</sub> and 70 dBA L<sub>max</sub>~~

~~Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1992. Construction noise shall comply with and be measured and assessed in accordance with the relevant NZ Standard.~~

- (a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any site outside this zone:

(i) daytime (0800 to 2000 hrs) 50 dB L<sub>Aeq(15 min)</sub>

(ii) night-time (2000 to 0800 hrs) 40 dB L<sub>Aeq(15 min)</sub>

(iii) night-time (2000 to 0800 hrs) 70 dB L<sub>AFmax</sub>

- (b) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.

- (c) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

## 21. Amend Zone Standards 12.17.5.2 as follows:

### 12.17.5.2 Zone Standards

#### ... ix Noise

~~All activities in the Zone, other than residential activities, shall be conducted such that the following noise levels are not exceeded at the boundary of the zone:~~

~~At the boundaries of any site sound noise level shall not exceed the following levels:~~

~~Daytime 0800 – 2000 hours 50dBA L<sub>10</sub>~~

~~Night time 2000 – 0800 hours 40dBA L<sub>10</sub>~~

~~Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991.~~

- (a) Sound from non-residential activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site:

(i) daytime (0800 to 2000 hrs) 50 dB L<sub>Aeq(15 min)</sub>

(ii) night-time (2000 to 0800 hrs) 40 dB L<sub>Aeq(15 min)</sub>

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- (b) Sound from non-residential activities which is received in another zone shall also comply with the noise limits set in the zone standards for that zone.
- (c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.
- (d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.

## 22. Amend Zone Standards 12.18.5.2 as follows:

### 12.18.5.2 Zone Standards

#### ... ii Noise

~~Activities shall be so conducted that the following noise limits are not exceeded at any point within the boundary of any other site within the zone:~~

- ~~• Daytime (0800-2200 hours) 60dBa  $L_{10}$~~
- ~~• Night time (2200-0800 hours) 50dBa  $L_{10}$  and 70dBa  $L_{max}$~~

~~Construction noise shall comply with and be measured and assessed in accordance with the relevant New Zealand Standard.~~

- ~~• Noise from aircraft operations at Queenstown Airport is exempt from the above standards.~~
- ~~• Noise levels shall be measured and assessed in accordance with NZS 6801:1991 and NZS 6802:1991.~~

- (a) Sound from activities measured in accordance with NZS 6801:2008 and assessed in accordance with NZS 6802:2008 shall not exceed the following noise limits at any point within any other site in this zone:

- (i) daytime (0800 to 2200 hrs) 60 dB  $L_{Aeq(15 min)}$
- (ii) night-time (2200 to 0800 hrs) 50 dB  $L_{Aeq(15 min)}$
- (iii) night-time (2200 to 0800 hrs) 70 dB  $L_{AFmax}$

- (b) Sound from activities which is received in another zone shall comply with the noise limits set in the zone standards for that zone.
- (c) The noise limits in (a) shall not apply to construction sound which shall be assessed in accordance with NZS 6803:1999.
- (d) The noise limits in (a) shall not apply to sound from sources outside the scope of NZS 6802:2008. Sound from these sources shall be assessed in accordance with the relevant New Zealand Standard, either NZS 6805:1992, NZS 6807:1994 or NZS 6808:1998.
- (e) The noise limits in (a) shall not apply to sound from aircraft operations at Queenstown Airport.

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(f) Amend the Definition of Noise as follows::

## Definitions

...

NOISE	
	<p><u>dBA:</u> means the sound level obtained when using a sound level meter having its frequency response A weighted and is measured in accordance with New Zealand Standard NZS 6801:1994 (Measurement of Sound) and NZS 6802:1994 (Assessment of Environmental Sound).</p> <p><u>L<sub>dn</sub>:</u> means the day/night noise level which is calculated from the 24 hr Leq with a 10 dB(A) penalty applied to the night time (2200 to 0700 hours) Leq.</p> <p><u>L<sub>10</sub>:</u> means the level of sound allowed to be generated continuously for 90% of the time during the day or night. For 10% of the time this may be exceeded up to any L<sub>max</sub> stated.</p> <p><u>L<sub>max</sub>:</u> means the maximum sound level recorded in a given measuring period.</p> <p><u>Noise Limit:</u> means a L<sub>10</sub> or L<sub>max</sub> sound level in A-frequency-weighted decibels that is not to be exceeded.</p>

NOISE	
	<p><u>Acoustic terms shall have the same meaning as in NZS 6801:2008 Acoustics – Measurement of environmental sound and NZS 6802:2008 Acoustics – Environmental noise.</u></p> <p><u>L<sub>dn</sub>:</u> Means the day/night level, which is the A-frequency-weighted time-average sound level, in decibels (dB), over a 24-hour period obtained after the addition of 10 decibels to the sound levels measured during the night (2200 to 0700 hours).</p> <p><u>L<sub>Aeq(15 min)</sub>:</u> Means the A-frequency-weighted time-average sound level over 15 minutes, in decibels (dB).</p> <p><u>L<sub>AFmax</sub>:</u> means the maximum A-frequency-weighted fast-time-weighted sound level, in decibels (dB), recorded in a given measuring period.</p> <p><u>Noise Limit:</u> Means a L<sub>Aeq(15 min)</sub> or L<sub>AFmax</sub> sound level in decibels that is not to be exceeded.</p>

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23. Amend Appendix 2 as follows:

## Appendix 2

### Acoustic Measurement and Assessment of Motorised Craft on the Surface of Rivers and Lakes

REFERENCES: ~~IEC 651:1979, IEC 804:1985, ISO 2922:1975(E), IEC 61672-1:2002, IEC 60942:2003, ISO 2922:2000, ISO 14509-1:2008~~

All motorised craft operating on the surface of lakes and rivers within the District must have and display a current acoustic certificate of fitness. Testing shall be undertaken on a strictly controlled "test" day, and shall be conducted by an enforcement officer appointed pursuant to the Act.

The measured sound pressure level shall not exceed a maximum A weighted level:

~~(L<sub>max</sub>) of 77dBA for vessels to be operated between the hours of 0800 to 2000; or~~

~~(L<sub>max</sub>) of 67dBA for vessels to be operated between the hours of 2000 to 0800~~

(a) 77 dB L<sub>ASmax</sub> for vessels to be operated between the hours of 0800 to 2000;

(b) 67 dB L<sub>ASmax</sub> for vessels to be operated between the hours of 2000 to 0800.

#### ... TEST CONDITIONS

The following instrument shall be used:

- (i) ~~A Type 1 Precision sound level meter and an acceptable wind screen. A class 1 sound level meter and an acceptable wind screen.~~
- (ii) A sound level calibrator.
- (iii) A wind speed anemometer.
- (iv) An engine speed tachometer.

**Measured Quantities** - "A" weighted, fast slow response sound level, expressed in decibels (dB).

...  
**Test Procedure** - Principally that the maximum A – weighted sound pressure level indicated during the passage of the craft be retained. The sound level will be accumulated as the craft passes at right angles to the microphone and will be measured until the craft has travelled a distance of 25 m. The meter shall be set for fast response.

Two passes shall be made and the mean value of the measurements rounded to the nearest integral decibel shall be obtained. If the sound intensity is louder along one side of the craft, then the measurements shall be conducted at this side. The background noise level shall be recorded and shall be at least 10dBA lower than measured level for the boat being tested.

All craft may not be able to be recorded according to the above method and any deviation shall be in compliance with ~~ISO 2922:1975(E)~~ ISO 2922:2000 or ISO 14509-1:2008. Other statistical and accumulated sound levels may also be recorded and retained for evaluation.