

## Appendix 2

Recommended Conditions for New Chorus Designations (Notice of Requirement)

### Designations U9, U10, U11, U13, U16, U17, U21, U27, U28, U29 and U30 in Rural Zone

#### Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or a building) shall not exceed 25m above ground level (excluding any lightning rod), except for sites U17 (Mt Pukemore) and U27 (Te Uku Radio Site off Van Houte Road) where this height limit shall be 12.5m.
2. Notwithstanding Condition 1, antennas attached to masts existing as at 18 July 2018 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.
3. Antennas mounted on the roof of buildings shall not extend more than 5m above the maximum height of the highest part of the roof, provided that they comply with Condition 1.
4. In regard to conditions 1-3 above, the dimensions of any antennas, masts and head frames shall comply with the *Resource Management (National Environmental Standards for Telecommunications Facilities) Regulations 2016*.

#### Outline Plans

5. An Outline Plan of works shall not be required for:
  - (a) Any internal building works (excluding equipment generating external noise)
  - (b) Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below
  - (c) The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility
  - (d) General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

#### Noise

6. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following limits
  - (a) At the boundary of any adjacent residential or rural residential zoned property:  
or
  - (b) At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day:  
Leq 50 dB(A)

10pm – 7am on any day:

Leq 40 dB(A)

7. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 6 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
8. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 6, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
9. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

### **Radiofrequency Fields**

10. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

### **Designations U5U15, U12, U14, U18, U20, U24, U31 and U33 in Business Zone**

#### **Masts and Antennas**

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 18 July 2018 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.
3. Any new mast and antennas shall comply with a height in relation to boundary control from any adjoining residential or rural residential zoned boundaries of 2.5m high at the boundary and 45 degrees.
4. Antennas mounted on the roof of buildings shall not extend more than 5m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with a height in relation to boundary control from any adjoining residential or rural residential zoned boundaries of 2.5m high at the boundary and 45 degrees.
5. In regard to conditions 1-4 above, the dimensions of any antennas, masts and head frames shall comply with the Resource Management (National Environmental Standards for Telecommunications Facilities) Regulations 2016.

6. For site U20 (9 Wainui Road, Raglan), a survey shall be undertaken prior to constructing any building or structure [exceeding 8m in height above ground level](#) to confirm that they will not protrude into the Raglan navigation beacons' height restriction plane.

*Advice Note: Rule 17.1.1 of the Proposed Waikato District Plan, which protects the sightlines of the Raglan Navigation Beacons, is a coastal protection rule in terms of the NESTF regulation 51. Therefore, under regulation 56, the rule prevails over the NESTF which otherwise permits a 15m high mast.*

- ~~7. For site U5 (608 Matangi Road), a survey shall be undertaken prior to constructing any building or structure to confirm that they will not protrude through the obstacle limitation surfaces for Hamilton Airport.~~

## Outline Plans

8. An Outline Plan of works shall not be required for
  - (a) any internal building works (excluding equipment generating external noise)
  - (b) replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below
  - (c) the replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility
  - (d) general site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

## Noise

9. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits
  - (a) At the boundary of any adjacent residential or rural residential zoned property:
    - 7am – 10pm on any day:  
Leq 50 dB(A)
    - 10pm – 7am on any day:  
Leq 40 dB(A)
  - b) At the boundary of any adjacent business zoned property:
    - 7am – 10pm on any day:  
Leq 55 dB(A)
    - 10pm – 7am on any day:  
Leq 45 dB(A)
10. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 9 are exceeded. A noise assessment

may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

11. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 9, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
12. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

### **Radiofrequency Fields**

13. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

### **Designations U19\*, U22, U23, U25, U26\*, U32 in Residential and Country Living Zones**

#### **Masts and Antennas**

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 18 July 2018 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.
3. Any new mast and antennas shall comply with a height in relation to boundary control from any adjoining residential or rural residential zoned boundaries of 2.5m high at the boundary and 45 degrees.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with a height in relation to boundary control from any adjoining residential or rural residential zoned boundaries of 2.5m high at the boundary and 45 degrees.
5. In regard to conditions 1-4 above, the dimensions of any antennas, masts and head frames shall comply with the *Resource Management (National Environmental Standards for Telecommunications Facilities) Regulations 2016*.

#### **Outline Plans**

6. An Outline Plan of works shall not be required for
  - (a) any internal building works (excluding equipment generating external noise)
  - (b) replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below

- (c) the replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- (d) general site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

## Noise

- 7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits
  - (a) At the boundary of any adjacent residential or rural residential zoned property:
    - 7am – 10pm on any day:  
Leq 50 dB(A)
    - 10pm – 7am on any day:  
Leq 40 dB(A)
- 8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
- 9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
- 10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

## Radiofrequency Fields

- 11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

~~\*Note: U19 (1327 Orini Road) and U26 (between 773 and 767 Te Mata Road) are zoned Rural. However due to their locations within urban villages and proximity of residential buildings, conditions more compatible with residential and rural residential zoned sites have been applied. The lower height limit used for the Country Living Zone is adopted.~~