

## Chapter 2 General Rules

### Temporary Military Training Activity

Other General rules contained in chapter 2 may apply in addition to any relevant rules.

#### 2.41 Permitted Activities

Unless expressly limited elsewhere by rule a in the Marlborough Environment Plan (the Plan), the following activities shall be permitted without resource consent where they comply with the applicable standards in 2.42:

##### 2.41.1 Temporary military training activity.

#### 2.42 Standards that apply to specific permitted activities

##### 2.42.1 Temporary military training activity.

2.42.1.1. The activity must be limited to a period not exceeding 31 days.

2.42.1.2 Permanent structures must not be constructed.

2.42.1.3 Noise levels of a short duration generated as part of a temporary military training activity must not exceed the following:

~~(a) Noise levels measured from a line 20m from, and parallel to, the nominal boundary of any dwelling or the legal boundary where this is closer to the dwelling must not exceed the following limits:~~

##### ~~Time Limits (DBA)~~

##### ~~Any Day L10 L95 LMAX~~

~~6:30 am – 7:30 am 60 45 70~~

~~7:30 am – 6:00 pm 75 60 90~~

~~6:00 pm – 8:00 pm 70 55 85~~

~~8:00 pm – 6:30 am 55~~

~~2.42.1.4 Impulse noise resulting from the use of explosives, explosives simulators small arms must not exceed 122dBC.~~

##### Weapon Noise

The activity must comply with the following peak sound pressure level when measured at any point within the notional boundary of any building housing a noise sensitive activity:

7.00am to 7.00pm: 95 dBC

7.00pm to 7.00am: 85 dBC

##### Fixed (stationary) and mobile noise sources

The activity must comply with the noise limits set out in the table below when measured at any point within the notional boundary of any building housing a noise sensitive activity.

**Time (Monday to Sunday) LAeq(15min) LAFmax**

7.00am to 7.00pm	55dB	n.a.
7.00pm to 10.00pm	50dB	n.a.
10.00pm to 7.00am	45dB	75dB

Note: Fixed (stationary) and mobile noise sources (other than firing of weapons and explosives ) include power generation, heating, ventilation or air condition systems, or water or waste water pumping/treating systems, personnel light and heavy vehicles, self-propelled equipment and earthmoving equipment.

**Helicopter landing areas**

Noise from helicopters must comply with the requirements of NZS6807:1994 Noise Management and Landing Use Planning for Helicopter Landing Areas

Subject to the above, the noise shall be measured in accordance with the requirements of NZS 6801:2008 Acoustics -Measurement of Environmental Sound and assessed in accordance of the requirements of NZS6802:2008 Acoustics –Environmental Noise

**NZDF (992.56)**

## **Chapter 3 Rural Environment Rules**

### **3.2.3 Noise**

3.2.3.1 An activity must not cause noise that exceeds the following limits at the ~~Zone boundary~~ or any point within the **notional** boundary of any other property within the Zone:

**MDC (91.194)**

7.00 am to 10.00 pm 65dBA LAeq

10.00 pm to 7.00 am 65dBA LAeq 75dB LAFmax

**NMDHB (280.213)**

3.2.3.2 An activity undertaken within the Rural Environment Zone must be conducted to ensure that noise arising at any point ~~or~~ within the boundary of any land zoned Urban Residential 1, Urban Residential 2 (including Greenfields), Urban Residential 3 or at any point within the notional boundary of any dwelling on land zoned Rural Living, Coastal Living or Rural Environment does not exceed the following noise limits:

7.00 am to 10.00 pm 50 dBA LAeq

10.00 pm to 7.00 am 40 dBA LAeq 70dB LAFmax

**NMDHB (280.97, .121 and .213)**

3.2.3.3. The following activities are excluded from having to comply with the noise limits:

(a) sirens and call out sirens associated with the activities of ~~the New Zealand Fire Service~~ emergency services;

(b) mobile machinery used for a limited duration as part of agricultural, or horticultural or forestry activities occurring in the Rural Environment Zone;

**MDC (91.195) and NMDHB (280.123)**

~~(c) any fixed motors or equipment, frost fans or gas guns, milling or processing forestry activities, static irrigation pumps; motorbikes that are being used for recreational purposes.~~

~~3.2.3.4 Noise emissions from any generator or wind powered equipment used solely for electricity generation must be operated so that noise emissions measured at the notional boundary of any dwelling in any zone must not exceed 55dBA  $L_{Aeq}(15\text{ min})$  at all times.~~

3.2.3.5.4. Noise must be measured in accordance with NZS 6801:2008 Acoustics – Measurement of Environmental Sound, and assessed in accordance with NZS 6802:2008 Acoustics – Environmental Noise.

NMDHB (280.124)

#### 3.2.3.7. Wind turbines

The noise from wind turbines shall be designed and operated comply with the requirements of NZS 6808:2010 Acoustics - Wind Farm Noise.

NMDHB (280.124)

#### 3.2.4. Noise sensitive activity and frost fans.

NMDHB (280.127)

3.2.4.1 Any new noise sensitive activity located within 300m of any frost fan not within the same site must be designed and constructed so that within the external building envelope surrounding any bedroom (when the windows are closed), airborne sound insulation meets the following single number rating for airborne sound insulation, determined in accordance with AS/NZS ISO 717.1:2004/2013 Acoustics– Rating of Sound Insulation in Buildings and of building elements Part 1 – Airborne sound insulation:

Dwellings located less than 300m  
and more than 200m from the nearest frost fan

$$DnT_{7w} + Ctr 50-3150 \geq 27 \text{ dB}$$

Dwellings located less than 200m and more  
than 100m from the nearest frost fan

$$DnT_{7w} + Ctr 50-3150 \geq 32\text{30} \text{ dB}$$

Dwellings located less than 100m from the  
nearest frost fan

$$DnT_{7w} + Ctr 50-3150 \geq 37\text{35} \text{ dB}$$

NMDHB (280.130) and Pernod Ricard (1039.114)

3.2.4.2 For the purposes of Standard 3.2.4.1, "external building envelope" means an envelope defined by the outermost physical parts of the building, normally the cladding and roof and has a bedroom window exposed to one or more frost fans.

Clifford John Smith (592.12)

#### 3.3.5 Audible bird-scaring device

3.3.5.1 A Category A or Category B device must not be operated:

(a) ~~between 8.00 pm and 7.00 am~~ sunset and sunrise the following day if the device is within 2km of a noise sensitive activity;

(b) within 800m of any rest home, public or private hospital;

~~(c) within 160m of the boundary or notional boundary of the nearest dwelling, visitor accommodation or other habitable building (except a dwelling, visitor accommodation or other habitable building on the same property as the audible bird-scaring device);~~

~~(d) such that sound is emitted at a level greater than 65 dB SEL LAE, measured at or within the boundary (Urban Residential 1, Urban Residential 2 (including Greenfields) or Urban Residential 3 Zones, and Coastal Living and Rural Living Zones) or notional boundary (Rural Environment or Coastal Environment Zones) of the nearest dwelling, visitor accommodation or other habitable building (except a dwelling, visitor accommodation or other habitable building on the same property as the audible bird-scaring device).~~

#### Horticulture NZ (769.98)

## Chapter 4 Coastal Environment Zone

### 4.2.2 Noise

4.2.2.1 An activity must not cause noise that exceeds the following limits at any point within the boundary of any other property zoned Coastal Environment: the Zone boundary or within the Zone:

7.00 am to 10.00 pm 65 dBA LAeq  
10.00 pm to 7.00 am 65 dBA LAeq 75dB LAFmax

#### MDC (91.193) and NMDHB (280.213)

4.2.2.2 An activity undertaken within the Coastal Environment Zone must be conducted to ensure that noise arising at any point ~~or~~ within the boundary of any land zoned Urban Residential 1, Urban Residential 2 (including Greenfields), Urban Residential 3 or at any point within the notional boundary of any dwelling on land zoned Rural Living, Coastal Living or Coastal Environment does not exceed the following noise limits:

7.00 am to 10.00 pm 50 dBA LAeq  
10.00 pm to 7.00 am 40 dBA LAeq 70dB LAFmax

#### NMDHB (280.97, .121 and .213)

4.2.2.3 The following activities are excluded from having to comply with the noise limits:

(a) mobile machinery used for a limited duration as part of agricultural, ~~or~~ horticultural or forestry activities occurring in the Coastal Environment Zone;

~~(b) Noise emissions from any generator or wind powered equipment used solely for electricity generation must be operated so that noise emissions measured at the notional boundary of any dwelling in any zone must not exceed 55dBA LAeq(15 min) at all times.~~

#### MDC (91.3) and MDC (91.197)

### 4.2.2.7 Wind turbines

Wind turbines shall be designed and operated to comply with the requirements of

NZS 6808:2010 Acoustics - Wind Farm Noise.

**NMDHB (280.124)**

4.2.2.8 Port Noise

(a) Any new noise-sensitive activity, or alteration or addition to an existing building used for a noise sensitive activity within the Outer Noise Control Boundary at the port in the Coastal Environment Zone shall be adequately insulated from port noise.

(b) Adequate sound insulation must be achieved by constructing the building to achieve a spatial average indoor design sound level of 40dBA  $L_{dn}$  in all new habitable spaces and buildings used for noise sensitive activities. The indoor design level must be achieved with all windows and doors open unless adequate alternative ventilation means is provided, used and maintained in operating order. The sound insulation design must be certified by an acoustic engineer. The completed construction must be certified by the builder as built in accordance with the design.

**PMNZL (1284.10)**

**4.2.3. Noise sensitive activity and frost fans.**

4.2.3.1. Any new noise sensitive activity located within 300m of any frost fan not within the same site must be designed and constructed so that within the external building envelope surrounding any bedroom (when the windows are closed), airborne sound insulation meets the following single-number rating for airborne sound insulation, determined in accordance with AS/NZS ISO 717.1:2004 2013 Acoustics – Rating of sound insulation in buildings and of building elements Part 1 – Airborne sound insulation:

Dwellings located less than 300m and more than 200m from the nearest frost fan

$$DnT,w + C_{tr} 50-3150 \geq 27dB$$

Dwellings located less than 200m and more than 100m from the nearest frost fan

$$DnT,w + C_{tr} 50-3150 \geq 3230dB$$

Dwellings located less than 100m from the nearest frost fan

$$DnT,w + C_{tr} 50-3150 \geq 3735dB$$

**NMDHB (280.127) and Pernod Ricard (1039.114)**

4.2.3.2. For the purposes of Standard 4.2.3.1, "external building envelope" means an envelope defined by the outermost physical parts of the building, normally the cladding and roof and has a bedroom window facing towards one or more frost fans.

**Clifford John Smith (592.12)**

## **Chapter 5 Urban Res 1 and 2 Zone (including Urban Residential 2 Greenfields Zone)**

### **5.2.2 Noise**

5.2.2.1 An activity must not cause noise that exceeds the following limits at any point within the boundary of any other property: at the zone boundary or within the zone:

7.00 am to 10.00 pm	50dBA LAeq
10.00 pm to 7.00 am	40dBA LAeq 70dB LAFmax

This standard does not apply to sirens and call out sirens associated with the activities of the New Zealand Fire emergency Sservices.

**NMDHB (280.123) and NZFS (993.38)**

### **5.2.2.X Port Noise**

(a) Any new noise-sensitive activity, or alteration or addition to an existing building used for a noise sensitive activity within the Outer Noise Control Boundary at the port in Urban Residential 2 Zone shall be adequately insulated from port noise.

(b) Adequate sound insulation must be achieved by constructing the building to achieve a spatial average indoor design sound level of 40dBA L<sub>dn</sub> in all new habitable spaces and buildings used for noise sensitive activities. The indoor design level must be achieved with all windows and doors open unless adequate alternative ventilation means is provided, used and maintained in operating order. The sound insulation design must be certified by an acoustic engineer. The completed construction must be certified by the builder as built in accordance with the design.

**PMNZL (1284.10)**

## **Chapter 6 Urban Residential 3 Zone**

### **6.2.2. Noise**

6.2.2.1 The activity must not cause noise that exceeds the following limits at any point within the boundary of any other property at the zone boundary or within the zone:

7.00 am to 10.00 pm	50dBA LAeq
10.00 pm to 7.00 am	40dBA LAeq 70dB LAFmax

This standard does not apply to sirens and call out sirens associated with the activities of emergency services.

**NMDHB (280.99 and .213) and NZFS (993.43)**

## **Chapter 7 Coastal Living Zone**

### **7.2.2. Noise**

7.2.2.1 The activity must not cause noise that exceeds the following limits at any point within the boundary of any other property at the zone boundary or within the zone:

7.00 am to 10.00 pm	50dBA LAeq
10.00 pm to 7.00 am	40dBA LAeq 70dB LAFmax

**MDC (91.223) and NMDHB (280.213)**

## **Chapter 8 Rural Living Zone**

### **8.2.2 Noise**

8.2.2.1 An activity must not cause noise that exceeds the following limits at any point within the boundary of any other property; ~~the Zone boundary or within the Zone:~~

7.00 am to 10.00 pm 50dBA LAeq

10.00 pm to 7.00 am 40dBA LAeq 70dB LAfmax

**NMDHB (280.101)**

### **8.2.3. Noise sensitive activities and frost fans.**

8.2.3.1. Any new noise sensitive activity located within 300m of any frost fan not within the same site must be designed and constructed so that within the external building envelope surrounding any bedroom exposed to frost fan noise (when the windows are closed) ...

Dwellings located less than 300m and more than 200m from the nearest frost fan

$$DnT,w + Ctr 50-3150 \geq 27dB$$

Dwellings located less than 200m and more than 100m from the nearest frost fan

$$DnT,w + Ctr 50-3150 \geq \underline{32}30dB$$

Dwellings located less than 100m from the nearest frost fan

$$DnT,w + Ctr 50-3150 \geq \underline{37}35dB$$

**NMDHB (280.127 and Pernod Ricard 1039.114)**

## **Chapter 9 Business 1 Zone**

### **9.2.2 Noise**

9.2.2.1 An activity must not cause noise that exceeds the following limits at any point within the boundary of any other property zoned Business 1, Business 2 or Business 3 ~~at the zone boundary or within the zone:~~

7.00 am to 10.00 pm 60dBA LAeq

10.00 pm to 7.00 am 55dBA LAeq 7585dB LAfmax

**MDC (91.252) and NMDHB (280.102)**

9.2.2.2 An activity must not cause noise that exceeds the following limits at any point within the boundary of, or at any point within, any land zoned Urban Residential 1, Urban Residential 2 (including Greenfield) or Open Space 1:

7.00 am to 10.00 pm 50dBA LAeq

10.00 pm to 7.00 am 40dBA LAeq 70dB LAfmax

**NMDHB (280.102 and .213)**

9.2.2.3 Sirens and call out sirens associated with the activities of ~~the New Zealand Fire Service~~ emergency services are excluded from having to comply with the noise limits in Standards 9.2.2.1 and 9.2.2.2.

**NMDHB (280.123)**

### **9.2.2x Port Noise**

(a) Any new noise-sensitive activity, or alteration or addition to an existing building used for a noise sensitive activity within the Outer Noise Control Boundary at the port in Business 1 Zone shall be adequately insulated from port noise.

(b) Adequate sound insulation must be achieved by constructing the building to achieve a spatial average indoor design sound level of 40dBA  $L_{dn}$  in all new habitable spaces and buildings used for noise sensitive activities. The indoor design level must be achieved with all windows and doors open unless adequate alternative ventilation means is provided, used and maintained in operating order. The sound insulation design must be certified by an acoustic engineer. The completed construction must be certified by the builder as built in accordance with the design.

PMNZL (1284.12)

## **Chapter 10 Business 2 Zone**

### **10.2.2 Noise**

10.2.2.1 An activity must not cause noise that exceeds the following limits at any point within the boundary of any other property zoned Business 1, Business 2 or Business 3 at the zone boundary or within the zone:

7.00 am to 10.00 pm 60 dBA  $L_{Aeq}$   
10.0 pm to 7.00 am 55 dBA  $L_{Aeq}$                       ~~75~~85dB  $L_{AFmax}$

MDC (91.219) and NMDHB (280.102 and .213)

10.2.2.2 An activity must not cause noise that exceeds the following limits ~~at the boundary of, or at any point within,~~ any land zoned Urban Residential 1, Urban Residential 2 (including Greenfields), Urban Residential 3 or at any point within the notional boundary of a dwelling within any other zone:

7.00 am to 10.00 pm 50dBA  $L_{Aeq}$   
10.00 pm to 7.00 am 40dBA  $L_{Aeq}$                       70dB  $L_{AFmax}$

MDC (280.105)

10.2.2.3 Sirens and call out sirens associated with the activities of ~~the New Zealand Fire~~ emergency services are excluded from having to comply with the noise standards.

NMDHB (280.123)

## **Chapter 11 Business 3 Zone**

### **11.2.2 Noise**

11.2.2.1 An activity must not cause noise that exceeds the following limits at any point within the boundary of any other property zoned Business 1, Business 2 or Business 3: at the zone boundary or within the zone:

7.00 am to 10.00 pm    60 dBA  $L_{Aeq}$   
10.00 pm to 7.00 am    55 dBA  $L_{Aeq}$  ~~75~~ 85dB  $L_{AFmax}$



**MDC (91.218) and NMHDB (280.213)**

11.2.2.2 An activity must not cause noise that exceeds the following limits at the boundary of, or at any point within, any land zoned Urban Residential 1, Urban Residential 2 (including Greenfields) or Urban Residential 3 or within the notional boundary of a dwelling within any other zone:

7.00 am to 10.00 pm	50dBA LAeq
10.00 pm to 7.00 am	40dBA LAeq 70dB LAFmax

**NMDHB (280.212 and .213)**

## Chapter 12 Industrial 1

*Standards for the Industrial 1 Zone only*

12.2.2.1 An activity must not cause noise that exceeds the following limits at any point within the boundary of any other property zoned Industrial 1 or Industrial 2 ~~at the zone boundary or within the zone:~~

At any time 70dBA LAeq      ~~80~~85dB LAFmax

~~Exception Note:~~ This noise limit does not apply to the operation of helicopters using the established helicopter pad on Pt Sec 24 Blk III Taylor Pass SD.

**MDC (91.217) and NMDHB (280.191 and .213)**

12.2.2.2 An activity must not cause noise that exceeds the following limits at any point within the boundary ~~with, or within~~ of any adjacent Business 1 or 2 Zone:

7.00 am to 10.00 pm	60dBA LAeq	
10.00 pm to 7.00 am	55dBA LAeq	<del>75</del> <u>85</u> dB LAFmax

**NMDHB (280.108)**

*Standards for the Industrial 2 Zone only:*

~~12.2.2.3 An activity must not cause noise that exceeds the following limits at the zone boundary or within the zone:~~

~~At any time 75 dBA LAeq 85dB LAFmax~~

*Standards for both Industrial 2 and 2 Zones:*

12.2.2.43 An activity must not cause noise that exceeds the following limits at ~~or~~ any point within any adjacent land zoned Urban Residential 1, Urban Residential 2 (including Greenfields) or Urban Residential 3, or at any point within the notional boundary of a dwelling on any property zoned Rural Living, Coastal Living or Rural Environment in any adjacent zone (except Industrial 1 or 2 Zones):

7.00 am to 10.00 pm	<del>50</del> 55dBA LAeq	
10.00 pm to 7.00 am	<del>40</del> 45dBA LAeq	<del>75</del> 70dB LAFmax

~~Exception Note:~~ Where Lots 16 to 20 DP 348832 and Lot 2 DP 352510 adjoin Urban Residential 2 Zone, the noise limits for Industrial 1 in 12.2.2.1 and 12.2.2.2 apply.

**Timberlink New Zealand Limited (460.6) and MDC (91.215) and NMDHB 280.213)**

## Chapter 13 Port Zone

### 13.2.3 Noise

13.2.3.1 For Port operations in Picton and Shakespeare Bay, an activity must be conducted to ensure that noise when measured at the boundary of, or within from the Port Zone does not exceed the following noise limits:

Location (Short term)	Day-night (Long term)	Night-time (Short term)
At any point on land at <u>any point</u> , or beyond, the Inner Noise Control Boundary.	65 <u>dB</u> A L <sub>dn</sub> (5 days)	60dB L <sub>Aeq</sub> (9 hours)
	68 <u>dB</u> A L <sub>dn</sub> (1 day)	65 <u>dB</u> L <sub>Aeq</sub> (15 min)
		85dB L <sub>AFMax</sub>

#### Aquaculture (NZ 401.189)

13.2.3.2 For Port operations In Havelock, an activity must be conducted to ensure that noise when measured at the boundary of, or within from the Port Zone does not exceed the following noise limits:

Location (Short term)	Day-night (Long term)	Night-time (Short term)
At any point on land at <u>any point</u> , or beyond, the Inner Noise Control Boundary.	55 <u>dB</u> A L <sub>dn</sub> (5 days)	50dB L <sub>Aeq</sub> (9 hours)
	58 <u>dB</u> A L <sub>dn</sub> (1 day)	55 <u>dB</u> L <sub>Aeq</sub> (15 min)
		75dB L <sub>AFMax</sub>

#### PMNZL (1284.2)

13.2.3.4 Noise must be measured in accordance with NZS 6801:2008 Acoustics – Measurement of Environmental Sound, and assessed in accordance with ~~NZS6802:2008 Acoustics – Environmental Noise~~ NZS 6809:1999 Acoustics - Port Noise Management and Land Use Planning).

#### NMDHB (280.194)

### 13.2.4 Noise sensitive activity

13.2.4.1 Any new noise-sensitive activity, or alteration or addition to an existing building used for a noise sensitive activity ~~between the inner and within the Outer Noise Control Boundaries~~ Boundary at the port in Picton and Shakespeare Bay and at Havelock ~~are~~ shall be adequately insulated from port noise.

#### PMNZL (1284.3)

13.2.4.2 ~~Such insulation must be certified by an acoustic engineer as adequate to achieve the design standard.~~ Adequate sound insulation must be achieved by constructing the building to achieve a spatial average indoor design sound level of 40dB A L<sub>dn</sub> in all new habitable spaces and buildings used for noise sensitive activities. The indoor design level must be achieved with windows and doors open to provide ventilation unless adequate alternative

ventilation is provided, used and maintained in operating order. The sound insulation design must be certified by an acoustic engineer. The completed construction must be certified by the builder as built in accordance with the design.

PMNZL (1284.4)

## Chapter 14 Port Landing Area Zone

### 14.2.3. Noise

14.2.3.1 An activity must be conducted to ensure that noise when measured at any point at the boundary of, or within the notional boundary of any site Zoned Coastal Living or Coastal Environment the Port Landing Area Zone does not exceed the following noise limits:

7.00 am to 10.00 pm	50 <u>55</u> dBA LAeq	
10.00 pm to 7.00 am	40 <u>45</u> dBA LAeq	70 <u>75</u> dB LAfmax

PMNZL (433.150) and NMDHB (280.213)

## Chapter 15 Marina Zone

### 15.2.3. Noise

15.2.3.1. An activity must not cause noise that exceeds the following limits at any point within the boundary of any other property zoned Marina: be conducted to ensure that noise when measured at the boundary of, or within, the Zone does not exceed the following limits:

7.00 am to 10.00 pm	60dBA LAeq	
10.00 pm to 7.00 am	40 <u>45</u> dBA LAeq	70 <u>75</u> LAfmax

(Aquaculture NZ 401.215) and NMDHB (280.213)

15.2.3.2 An activity undertaken within the Marina Zone must be conducted to ensure that noise when measured at any point within an Urban Residential 2 or Business 1 or at any point within the notional boundary of any site zoned Open Space 1 Zone, Coastal Living or Coastal Environment Zone does not exceed the following limits:

7.00 am to 10.00 pm	50 <u>55</u> dBA LAeq	
10.00 pm to 7.00 am	40 <u>45</u> dBA LAeq	70 <u>75</u> dB LAfmax

(MDC 91.237) and NMDHB (280.213)

## Chapter 16 Coastal Marine Zone

### 16.2.3 Noise

16.2.3.1 An activity must be conducted to ensure that noise when measured at ~~the boundary of, or any point within,~~ the zone does not exceed the following noise limits:

7.00 am to 10.00 pm	50dBA LAeq
10.00 pm to 7.00 am	40dBA LAeq 70dB LAFmax

(MDC 91.224) and NMDHB (280.213)

## Chapter 17 Open Space 1 Zone

### 17.2.2. Noise

17.2.2.1 ~~An~~ The activity must not cause noise that exceeds the following limits at ~~the zone boundary or within the zone~~ any point within the boundary of any other property:

7.00 am to 10.00 pm	50dBA LAeq
10.00 pm to 7.00 am	40dBA LAeq 70dB LAFmax

(MDC 91.236) and NMDHB (280.213)

## Chapter 18 Open Space 2 Zone

### 18.2.2 Noise

18.2.2.1 ~~An~~ The activity must not cause noise that exceeds the following limits at ~~the zone boundary or within the zone~~ any point within the boundary of any other property:

7.00 am to 10.00 pm	50dBA LAeq
10.00 pm to 7.00 am	40dBA LAeq 70dB LAFmax

MDC (91.235) and NMDHB (280.213)

This standard does not apply to sirens and call out sirens associated with the activities of emergency services the New Zealand Fire Service, or noise generated by temporary activities in the Open Space 2 Zone which may exceed the noise rules between the hours of 7am and 11pm for 12 days every calendar year but not being more than 3 consecutive days provided that noise does not exceed a level of 60 dB LAeq at the boundary of any Urban Residential Zone or dwelling.

MDC (91.127) and NMDHB (280.123)

## Chapter 19 Open Space 3 Zone

### 19.2.2 Noise

19.2.2.1 ~~An~~ The activity must not cause noise that exceeds the following limits at any point within the boundary of any other property ~~at the Zone boundary or within the Zone:~~

7.00 am to 10.00 pm	50dBA LAeq
10.00 pm to 7.00 am	40dBA LAeq 70dB LAFmax

**MDC (91.234) and NMDHB (280.213)**

19.2.2.4 The following activities are excluded from having to comply with the noise limits:

(a) mobile machinery used for a limited duration as part of agricultural or horticultural activities occurring in the Rural Environment Zone;

**Federated Farmers (425.720)**

## **Chapter 20 Open Space 4 Zone**

### **20.2.1 Noise**

20.2.1.1 An activity must not cause noise that exceeds the following limits at any point outside the zone or at any point within any other site boundary or within the zone:

7.00 am to 10.00 pm	65dBA LAeq
10.00 pm to 7.00 am	65dBA LAeq 75dB LAFmax

**NMDHB (280.116)**

## **Chapter 21 Floodway Zone**

### **21.2.2 Noise**

21.2.2.1 ~~An~~ The activity must not cause noise that exceeds the following limits at any point within the boundary of any zone other than a Floodway Zone the Zone boundary or within the Zone:

7.00 am to 10.00 pm	65dBA LAeq
10.00 pm to 7.00 am	65dBA LAeq 75dB LAFmax

**MDC (91.233) and NMDHB (280.213)**

21.2.2.2 ~~An~~ The activity undertaken within the Floodway Zone must be conducted to ensure that noise arising at ~~or~~ any point within the boundary of any land zoned Urban Residential 1, Urban Residential 2 (including Greenfields), Urban Residential 3 or within the notional boundary of any dwelling on land zoned Rural Living or Coastal Living does not exceed the following noise limits:

7.00 am to 10.00 pm	50dBA LAeq
10.00 pm to 7.00 am	40dBA LAeq 70dB LAFmax

**NMDHB (280.117)**

21.2.2.3 The following activities are excluded from having to comply with the noise limits:

(a) mobile machinery used for a limited duration ~~as part of farming activity occurring in the Floodway Zone;~~

(b) a fixed motor or equipment, frost fan or gas gun, milling or processing forestry activity, static irrigation pump; or motorbike that is being used for recreational purposes.

**MDC (91.230)**

## Chapter 22-Lake Grassmere Salt Works Zone

### 22.2.2 Noise

22.2.2.1 ~~A~~ The activity, apart from salt harvest operations, must not cause noise that exceeds the following limits at any point beyond the zone boundary:

7.00 am to 10.00 pm Monday to Sunday	55dBA $L_{Aeq}$
At all other times	45dBA $L_{Aeq}$ 75dB $L_{AFmax}$

**NMDHB (280.118)**

22.2.2.2 Noise from salt harvest operations, when ~~measured~~ assessed at any point or beyond the Lake Grassmere Salt Works Noise Control Boundary, which is a distance of 500 metres from the 'outside' edges of the salt crystallising ponds, must not exceed the following standards:

7.00 am to 10.00 pm Monday to Sunday	55dBA $L_{Aeq}$
At all other times	45dBA $L_{Aeq}$ 75dB $L_{AFmax}$

**NMDHB (280.119)**

## Chapter 23-Airport Zone

### 23.2.2 Noise

23.2.2.1 Noise from a source other than an aircraft movement, aircraft engine testing, or a national or international gliding event, must comply with the following noise limits measured at ~~or~~ any point within the boundary of any land zoned Urban Residential 1, Urban Residential 2 (including Greenfields) or Urban Residential 3, or at any point within the notional boundary of any noise sensitive activity on any land zoned Rural Environment:

~~Monday to Saturday 7.00 am to 6.00 pm 55dBA  $L_{Aeq}$~~   
~~Monday to Saturday 6.00 pm to 10.00 pm 50dBA  $L_{Aeq}$~~   
~~Monday to Sunday 10.00 pm to 7.00 am 45dBA  $L_{Aeq}$~~   
~~Monday to Sunday 10.00 pm to 7.00 am 70dBA  $L_{max}$~~

7.00 am to 10.00pm 50dB  $L_{Aeq}$   
10.00pm to 7.00am 40dB  $L_{Aeq}$  and 70dB  $L_{AFmax}$

**MDC (91.152)**

### 23.2.5 Siting of a noise sensitive activity in the Picton (Koromiko) Airport Zone

23.2.5.1 A new noise sensitive activity within the area between the Outer Noise Control Boundary and the Inner Noise Control Boundary must have appropriate acoustic insulation installed to establish an internal noise environment. Such insulation must provide an indoor sound environment not exceeding of 35dBA  $L_{Aeq}$  at night time ...

**NMDHB (280.135)**

23.2.5.2 An alteration or addition to existing noise sensitive activity within the area between the Outer Noise Control Boundary and the Inner Noise Control Boundary must have appropriate acoustic insulation installed to establish an internal noise environment. Such insulation must provide an indoor sound environment not exceeding of 35dBA  $L_{Aeq}$  at night time ...

**NMDHB (280.135)**

### 23.3.1 Engine testing

#### 23.3.1.1

(a)....

(b) noise generated by testing, measured at any point within the notional boundary of a noise sensitive activity in the Rural Environment Zone, must not exceed 55dBA  $L_{Aeq}$ ;

(c)....

(d) noise from essential unplanned engine testing must not exceed the following noise levels at any point within the notional boundary of any noise sensitive activity in the Rural Environment Zone:

Any day 10.00 pm to 7.00 am	55dBA $L_{Aeq}$ 80dBA $L_{AFmax}$
-----------------------------	--------------------------------------

(e)...

NMDHB (280.197) and NMDHB (280.213)

## Chapter 25 – Definitions

**dB**A means an A-frequency weighted sound pressure level in decibels relative to a reference sound pressure of 20 micropascals.

NMDHB (280.84)

~~$L_{10}$  means the L10 exceedance level, expressed in dBA, which is that level of sound equalled or exceeded 10% of the total measurement time.~~

**$L_{dn}$**  means the day-night average sound level over a 24 hour period (~~12am-12pm~~ midnight to midnight) obtained after the addition of 10 decibels to sound levels ~~or~~ during the night, where night is 10.00 pm to 7.00 am the following day.

NMDHB (280.8)6

**$L_{Aeq}$  ( ~~$L_{Aeq}$~~ )** means the time-average A-frequency weighted sound pressure level (dBA  $L_{Aeq}$ ) of a continuous steady sound that within a sample period has the same mean square sound pressure level as a sound under investigation whose level varies with time.

NMDHB (280.87)

~~$L_{max}$  ( $L_{Fmax}$ )~~ Means the maximum A-frequency-weighted sound level (dBA  $L_{Fmax}$ ) during a stated time period.

NMDHB (280.88)

**Wind Turbine** means a device used to extract kinetic energy from the wind for electrical generation and includes any wind farm but excludes “small wind turbines” as described in section 1.6 of NZS6808:2010 Acoustics - Wind Farm Noise.

NMDHB (280.93)

## Vol 3 - Appendix 16 Register of Scheduled Sites

### Schedule 1-Nelson Marlborough Institute of Technology on land described as Pt 50 SO 3824 Deeds Plan 43 (NMIT).

#### 1.2.5 Noise

1.2.5.1 Except as provided for in Standard 1.2.5.2, an activity must not cause noise that exceeds the following limits at any point outside the scheduled site boundary ~~or within the scheduled site~~:

7.00 am to 10.00 pm	50 dBA LAeq
10.00 pm to 7.00 am	40 dBA LAeq 70dB LAFmax

#### NMDHB (280.205)

1.2.5.2 Where an outdoor activity associated with an educational facility is undertaken between 7.00 am to 10.00 pm, the noise must not exceed a limit of 60 dBA ~~LAeq~~ LAeq when measured at any point outside the boundary of the scheduled site

#### NMDHB (280.206)

### Schedule 3 - Richmond View School (Blenheim Elim Church Trust) on land described as Lot 1 DP 5351.

#### 3.2.5 Noise

3.2.5.1 Except as provided for in Standard 3.2.5.2, an activity must not cause noise that exceeds the following limits at any point outside the scheduled site boundary ~~or within the scheduled site~~:

7.00 am to 10.00 pm	50 dBA LAeq	
10.00 pm to 7.00 am	40 dBA LAeq	70dB LAFmax

#### NMDHB (280.205)

3.2.5.2 Where an outdoor activity associated with an educational facility is undertaken between 7.00 am to 10.00 pm, noise must not exceed a limit of 60 dBA ~~LAeq~~ LAeq when measured at any point outside the boundary of the scheduled site.

#### NMDHB (280.206)

## Vol 4 Overlay Maps

### Noise Control Boundaries Map 1 Havelock

Amend Noise Control Boundaries Map 1 Havelock in accordance with attached plan (Figure 4E).

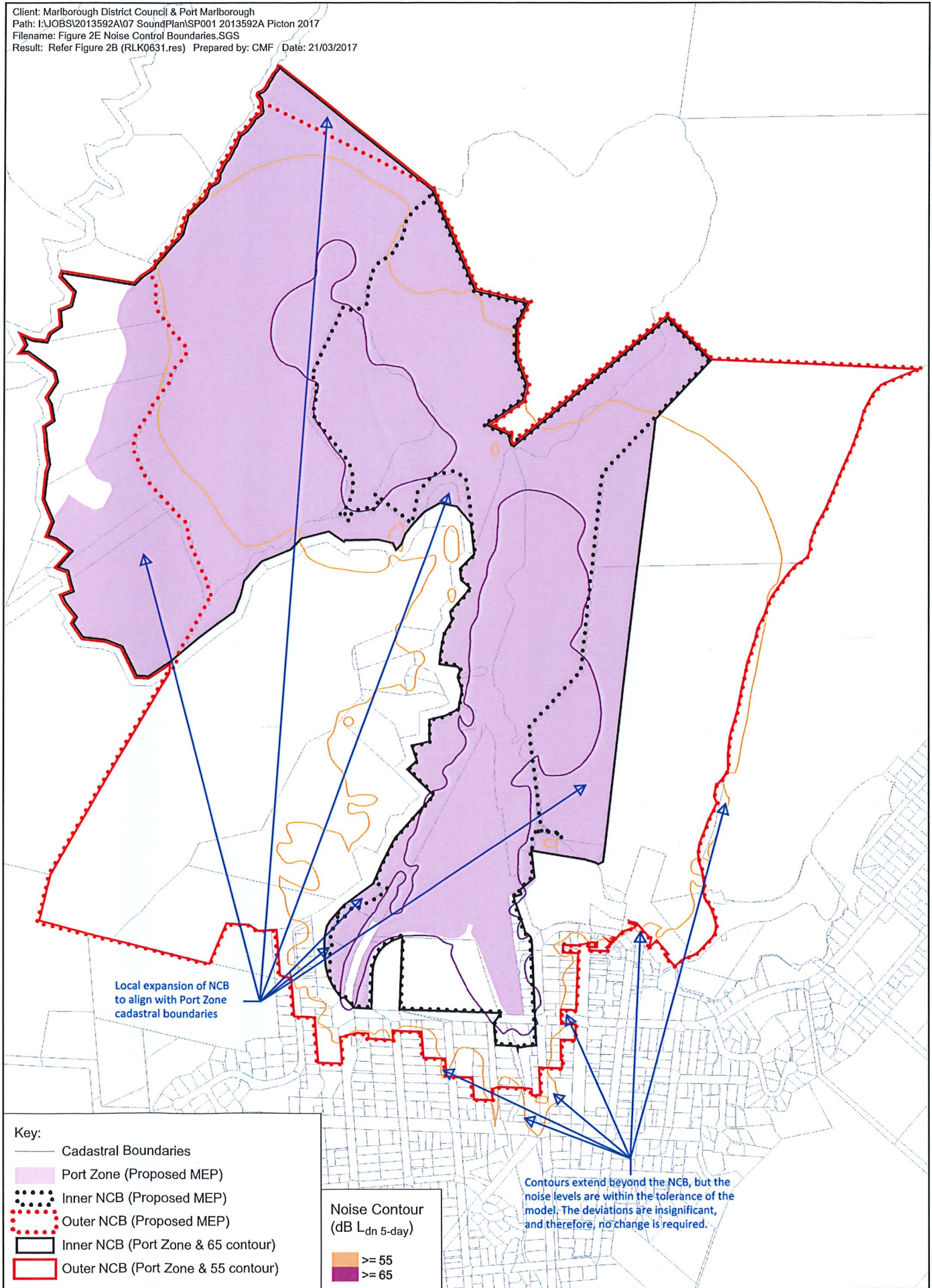
#### PMNZL 433.224 (1284.14)



## **Noise Control Boundaries Map 2 Picton**

Amend Noise Control Boundaries Map 2 Picton in accordance with attached plan (Figure 2E).

**PMNZL (433.223) and PMNZ Ltd (1284.15)**



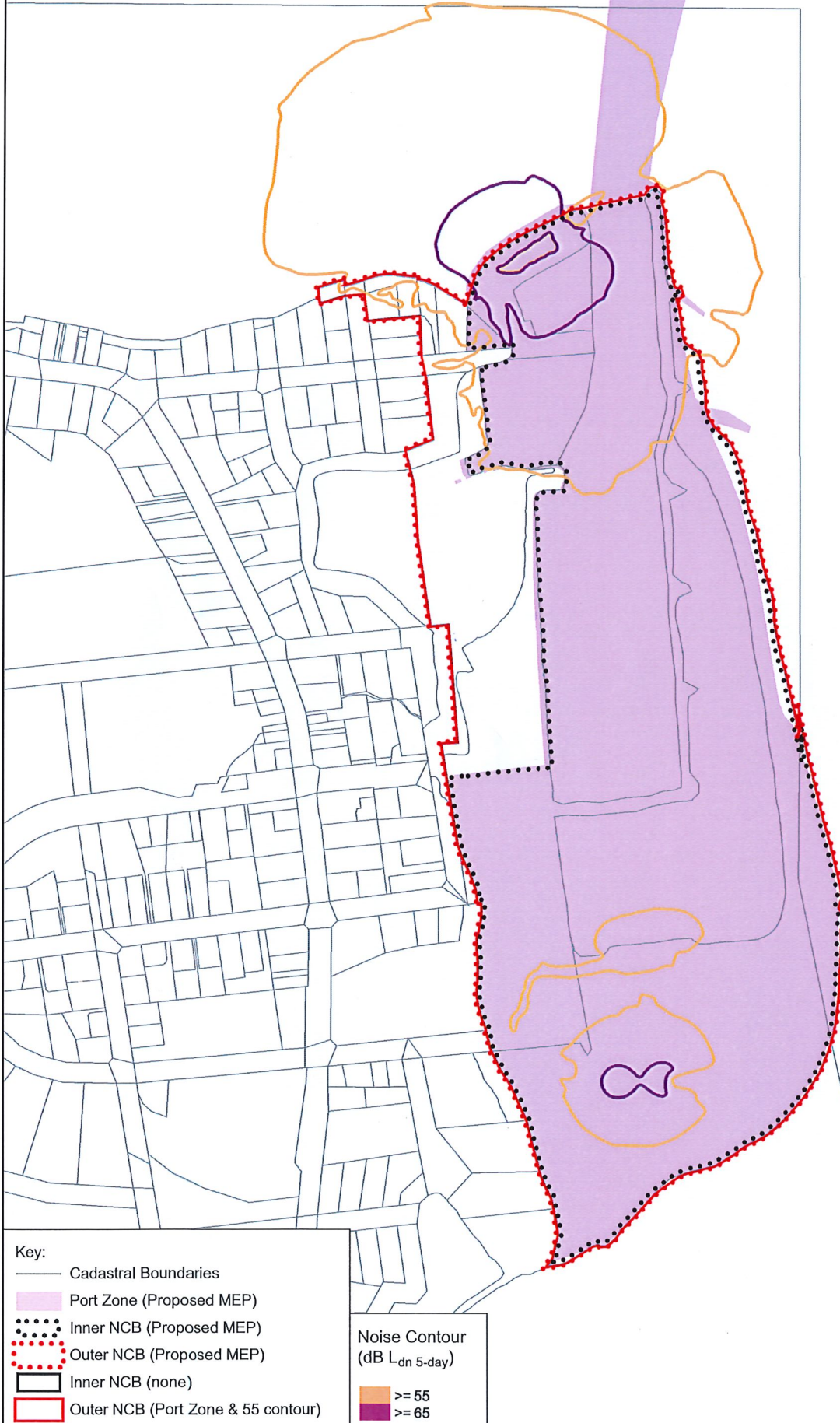
Local expansion of NCB to align with Port Zone cadastral boundaries

Contours extend beyond the NCB, but the noise levels are within the tolerance of the model. The deviations are insignificant, and therefore, no change is required.

- Key:
- Cadastral Boundaries
  - Port Zone (Proposed MEP)
  - Inner NCB (Proposed MEP)
  - Outer NCB (Proposed MEP)
  - Inner NCB (Port Zone & 65 contour)
  - Outer NCB (Port Zone & 55 contour)

Noise Contour (dB L<sub>dn</sub> 5-day)

- $\geq 55$
- $\geq 65$



Key:

- Cadastral Boundaries
- Port Zone (Proposed MEP)
- Inner NCB (Proposed MEP)
- Outer NCB (Proposed MEP)
- Inner NCB (none)
- Outer NCB (Port Zone & 55 contour)

Noise Contour (dB L<sub>dn</sub> 5-day)

- >= 55
- >= 65