

DRAFT DISTRICT PLAN

Topic summary:

PORT NOISE

KEY OUTCOMES

- *Great urban areas*
- *Regional approach to industry*



INTRODUCTION

Napier Port is a strategic asset that links the economic output of our region to the rest of the world. Therefore it's important the Port is able to carry out its operations effectively while also ensuring it can co-exist successfully with the adjacent Napier Hill residential community.

As the Port is adjacent to the Napier Hill residential community it's important that noise generated by the Port is carefully managed. The Port must adhere to noise limits set in the District Plan. The District Plan is also where we set the planning rules for the acoustic treatment of houses to achieve a safe and comfortable internal noise environment for occupants. All new dwellings and the addition of habitable spaces to existing buildings will be required to include acoustic treatment if they are located within port noise contours. The Port, Council and residents work together through the Port Noise Liaison committee to ensure these obligations are met and that residents are not unduly affected by Port generated noise.

MOVING FORWARD / OUR APPROACH

To inform the District Plan review, the Port have worked with noise experts to project their predicted noise levels out to 2035 (being the expected life of the next District Plan). Future noise contours are lines on a map that predict what level of noise is likely to be experienced at a point in time.

The contours are produced using computer modelling that considers things such as the source of noise, current and future operational scenarios, and topography. The model is then calibrated with real time monitoring results. The Council and the Port are guided in how to address Port generated noise by the New Zealand Port Noise Standard (NZS6809:1999).

KEY ISSUES AND CHANGES

What are Port Noise Contours and Port Noise Boundaries?

Future noise contours identify at specific locations where particular levels of noise are likely to be experienced, out to 2035. These future contours are then used to produce 'noise boundaries' that follow property boundaries in the District Plan. These noise boundaries are called either the 'inner noise boundary' or the 'outer noise boundary'.

The 'inner noise boundary' is where the Port is able to generate noise up to 65dBA. A noise monitor is located at this line which is used for enforcement and monitoring purposes. The 'outer noise boundary' identifies areas of Napier Hill that may be impacted by Port generated noise up to 55dBA. If your house falls within either the outer or inner noise boundary and you add on a new room, or build a new house on your site it will need to be built to withstand the higher noise level experienced within these boundaries. The cost for noise protection for new houses or house extensions within these boundaries is met by the landowner. This approach is consistent with the NZ Port Noise Standard.

The new lines proposed for the Draft District Plan can be viewed at www.sayitnapier.nz

Port funded acoustic treatment of houses

In some circumstances the Port will fund acoustic treatment of existing houses. To determine eligible houses, Port noise contours are produced annually and those existing houses that fall within a 60dBA line are considered eligible. Details of the Port obligations for acoustic treatment are outlined in the Port Noise Management Plan on their website. This plan includes how the Port:

- a) measure, monitor and assess Port Noise;
- b) mitigates noise effects where practicable;
- c) provide for acoustic treatment of affected houses where required (and the maximum dollar value that the Port will provide);
- d) report, process and investigate any complaints about noise and provide feedback to the complainant; and
- e) sets the framework within which the Port Noise Liaison Committee operates.

The Port noise proposals, including detailed contour maps and the existing and proposed port noise boundaries are also on our website. Information provided by the Port predicts that up to 38 existing dwellings may qualify for acoustic treatment by 2035. This includes some houses that already qualify and/or have already received acoustic treatment.

Noise contours are produced annually and presented to the Port Noise Liaison committee to determine which additional houses qualify for Port funded mitigation and the process to be followed in acoustically treating houses.

The details of the obligations for acoustic treatment contained within the Port Noise Management Plan will be incorporated into the District Plan to give certainty that there is appropriate regulation in place to ensure the Port complies with the obligations over the life of the District Plan.