

**BEFORE THE INDEPENDENT HEARING COMMISSIONERS
IN CHRISTCHURCH**

TE MAHERE Ā-ROHE I TŪTOHUA MŌ TE TĀONE O ŌTAUTAHI

IN THE MATTER OF Resource Management Act 1991

AND

IN THE MATTER of the hearing of submissions on Plan Change 14
(Housing and Business Choice) to the Christchurch
District Plan

JOINT STATEMENT OF NOISE EXPERTS – RAILWAY VIBRATION

22 SEPTEMBER 2023

INTRODUCTION

1. This joint witness statement relates to expert conferencing on the topic of noise and vibration – specifically related to railway vibration.
2. The expert conferencing was held in-person on 22 September 2023 facilitated by Mr Philip Milne.
3. Attendees at the conference were:
 - (a) Jeremy Trevathan, for Christchurch City Council. Dr Trevathan provided a statement of evidence dated 11 August 2023.
 - (b) Dr Chiles for Kiwirail Holdings Limited. Dr Chiles provided a statement of evidence dated 20 September 2023.

CODE OF CONDUCT

4. This joint statement is prepared in accordance with sections 9.4 to 9.6 of the Environment Court Practice Note 2023.
5. We confirm that we have read the Environment Court Practice Note 2023 and agree to abide by it.

PURPOSE AND SCOPE OF CONFERENCING

6. The purpose of conferencing was to identify, discuss, and highlight points of agreement and disagreement on noise and vibration issues relevant to the evidence of Dr Chiles relating to the issue of a possible new railway vibration Rule for new dwellings constructed anywhere adjoining rail corridors in the city.
7. **Annexure A** records the agreed issues, areas of disagreement and the reasons, along with any reservations.

Date: 22 September 2023



Stephen Chiles



Jeremy Trevathan

ANNEXURE A – EXPERT CONFERENCING ON A POSSIBLE NEW RAILWAY VIBRATION RULE FOR NEW DWELLINGS

Participants: Jeremy Trevathan (JT) and Stephen Chiles (SC)

Issue	Agreed Position	Disagreements or reservations, with reasons
Vibration may have adverse health effects on sensitive receivers in the vicinity of railways.	JT, SC	
There is some cost and complexity in quantifying and controlling the vibration.	JT, SC	
A 'rail vibration alert overlay' is an appropriate minimum response to this issue.	JT, SC	