

## Proposed Private Plan Change 69 to the Operative District Plan: Lincoln South Evidence C Nieuwenhuijsen (Odour) on behalf of M Singh (Submitter 209)

### INTRODUCTION

- 1 My name is Catherine (Cathy) Nieuwenhuijsen, and I am a Senior Air Quality consultant at Golder Associates New Zealand Limited. I have nearly 20 years' experience in a wide range of Air Quality Assessments.
- 2 The scope of my evidence is an assessment of odour effects on the Lincoln South and Allendale Lane land, specifically the need or otherwise for housing to be setback from the former Lincoln sewage treatment plant. Much of my evidence is the same as that presented for the Applicant for the Lincoln South Plan Change 69 (PC 69), and I do not consider there are any key odour related points of technical difference between the Lincoln South site and the Allendale Lane site. Therefore, I refer the commissioner to my Evidence and update provided in my Summary of Evidence (dated 4 and 23 of November 2021 respectively) for the applicant.
- 3 Following my presentation of evidence on behalf of the applicant for PC69 (which included recent information provided by Mr England), Messrs England, Bender and van Kekem and I met and agreed further information was required to evaluate the current odour effects from the use of Lincoln Pond and Mr England was to provide this information.
- 4 Subsequently, I understand the applicant and the SDC have agreed a setback distance for PC69 of 100 m for housing, as well as side agreements relating to complaint covenants and SDC's future consent application for the pond use, are acceptable to both parties. These agreements were made prior to any updated odour effects assessment following the recent information on current pond use. Despite any agreements between council and applicant for PC69, my opinion remains that a lessor set back may be appropriate. However, any setback distance depends on the actual use of the pond and sufficient information to fully understand the current and expected future pond use is not currently available.
- 5 In my evidence (9 November 2021) for Mr Singh (submitter 209) I considered the potential odour effects on the Allendale Lane, and whether there was any reason for a setback to housing for the Allendale Lane Land. This assessment was based on the understanding submission 209 sought for the Allendale land to be rezoned as part of PC69. Based on Mr Thomson's evidence I now understand to this be out of scope. However, I retain the opinion that based on current information, a 150 m setback is not expected to be required for Allendale Lane Land and any potential future setback distances for this land can be based on the avoiding reverse sensitivity effects, rather than any side agreements that are made independent of these assessments.

Cathy Nieuwenhuijsen 25 November 2021