

Before the Environment Court
At Auckland

In the matter of the Local Government (Auckland Transitional Provisions Act 2010
(LGATPA) and the Resource Management Act 1991 (RMA)

And

In the matter of appeals under section 156(1) of the LGATPA

Between Weli Yang, Zhi Lu & Jing Ni

(ENV-2016-AKL-000196)

Okura Holdings Limited

(ENV-2016-AKL-000211)

Appellants

And Auckland Council

Respondent

And Weiti Development Limited Partnership

Section 274 Party

(continued on next page)

STATEMENT OF REBUTTAL EVIDENCE OF ANDRES ROA
(STORMWATER AND EROSION AND SEDIMENT CONTROL) ON BEHALF OF
THE ROYAL FOREST AND BIRD SOCIETY AND THE LONG BAY - OKURA GREAT
PARK SOCIETY INCORPORATED

8 September 2017

And Long Bay-Okura Great Park Protection Society

Section 274 Party

And Royal Forest and Bird Protection Society Incorporated

Section 274 Party

1. INTRODUCTION

- 1.1. My name is Andrés Roa and I am a civil engineer and director of AR & Associates. I have the qualifications and experience set out in my Evidence in Chief, dated 28 July 2017. I repeat the confirmation given in that statement that I have read and agree to comply with the Code of Conduct for Expert Witnesses.
- 1.2. I have read and considered the following statements of evidence filed on behalf of the appellant, Okura Holdings Limited (OHL), Graeme Ridley, Mark Williams and Pranil Wadan, and both the Evidence in Chief and draft Rebuttal Evidence of Nicholas Vigar (Stormwater) and Michael Parsonson (Erosion and sediment control) on behalf of Auckland Council as the respondent, including in light of the matters addressed in expert conferencing that I attended (in relation to both stormwater and erosion) .
- 1.3. Having read through the draft rebuttal evidence of Mr. Vigar and Mr. Parsonson, I am in agreement with their comments, in respect to the issues relating to the stormwater and erosion and sediment control issues.
- 1.4. In particular I have concerns with respect to the amount of sediment projected to be generated during construction by the GLEAMS model vs. the actual amount of sediment being generated at the comparable Long Bay site.
- 1.5. I also still have concerns around the application of low impact design principles in terms of scale of earthworks and impacts on hydrology, as well as stream realignment and associated impact on existing stream function.

2. CONCLUSION

- 2.1. Overall, and having read and considered the evidence from the OHL experts, and for the reasons outlined above, I remain of the opinion stated in my evidence in chief, and as otherwise recorded in the joint witness statements (stormwater and erosion) .



Andrés Roa

Civil Engineer

8 September 2017