

Steve Rice

From: Justine Young [Justine.Young@dairynz.co.nz]
Sent: Monday, April 8, 2019 2:27 PM
To: Steve Rice
Subject: April 8 - Answers to queries from commissioners

Hello Steve, can you please pass this on to the hearings panel?

Thanks very much

Justine Young
Senior Policy Advisor



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From: Graeme Doole <Graeme.Doole@dairynz.co.nz>
Sent: Monday, 8 April 2019 1:37 PM
To: Justine Young <Justine.Young@dairynz.co.nz>
Subject: Answers to queries from commissioners

Hi Justine

Here are the two responses for the commissioners, in regards to questions they asked but I had to confirm. First, OVERSEER was used in the horticultural sector to estimate N and P loss. See

<http://www.hortnz.co.nz/assets/Uploads/nutrient-performance-and-financial-analysis-of-lower-waikato-horticulture.pdf>

Second, the information regarding the cost and efficacy of mitigation in point sources was taken from <https://www.waikatoregion.govt.nz/assets/WRC/Council/Policy-and-Plans/HR/Industrial-Water-Values.pdf>

This is the source I referred to today, with the citation: Opus International Consultants (2013). *Municipal and industrial water values in the Waikato River catchment*, Opus International Consultants, Auckland.

Regards

Graeme

Graeme Doole

Principal Economist

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