

**From:** [Carl Hanson](#)  
**To:** [Fiona Mathis](#)  
**Cc:** [South, Sophie](#); [R Bower](#); [Jan Goldschmidt](#); [Andy Barbati](#)  
**Subject:** RE: CRC103594 - Condition 31  
**Date:** Wednesday, 18 September 2013 12:03:54 p.m.  
**Attachments:** [image001.jpg](#)  
[image002.png](#)

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Hi Fiona,

I have read the report (a letter from Sophie South and Bob Bower of Golder Associates (NZ) Limited to Fiona Mathis of Fonterra Co-operative Group Limited, dated 16 September 2013, regarding "Fonterra Darfield groundwater nitrate levels consent conditions – recommendations"). I agree with the conclusions and recommendations of the report. The monitoring data from bores M1, M4 and M5 indicate that downgradient nitrate nitrogen concentrations exceeded upgradient concentrations by more than 2 mg/L even before the discharge of process wastewater began. Therefore, the 2 mg/L threshold in condition 30(a) of resource consent CRC103594 is not applicable, and Condition 31 is valid.

Yours sincerely,

Carl

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**From:** Fiona Mathis [mailto:Fiona.Mathis@fonterra.com]  
**Sent:** Tuesday, 17 September 2013 6:37 a.m.  
**To:** Carl Hanson  
**Cc:** South, Sophie; Bower, Robert; Jan Goldschmidt; Andy Barbati  
**Subject:** CRC103594 - Condition 31

Morning Carl,

Following our meeting in July, please find attached a report prepared by Golders regarding groundwater nitrates and wastewater irrigation activities, in accordance with of CRC10394 Condition 31.

Could you please review the attached report and confirm if the information supports the intent of Condition 31 and is correspondingly agreed to by ECan?

If you require any further information please do not hesitate to contact me.

Look forward to hearing from you .

Kind regards,

Fiona Mathis

Environmental Team Lead

Fonterra Co-operative Group Limited

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