

Catherine Ongko

From: Doyle Richardson <doyle.richardson@mitchelldaysh.co.nz>
Sent: Monday, 8 August 2022 5:51 pm
To: Ryan Hodgson
Cc: Mark Frisby; Steve Paynter
Subject: RE: matters of clarification regarding proposed changes APP-20222295

Hi Ryan

Answers underlined below.

Thanks
Doyle

 **Doyle Richardson**
Associate

+64 27 537 8175 | PO Box 489, Dunedin 9054
www.mitchelldaysh.co.nz

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From: Ryan Hodgson <Ryan.Hodgson@es.govt.nz>
Sent: Monday, 8 August 2022 12:33 pm
To: Doyle Richardson <doyle.richardson@mitchelldaysh.co.nz>
Cc: Mark Frisby <mark.frisby@bluesky.co.nz>; Steve Paynter <steve@bluesky.co.nz>
Subject: matters of clarification regarding proposed changes APP-20222295

Hi Doyle

I am just putting together the draft documents for notification and I have a few questions around what is being proposed in comparison to the current activity. See below:

- What will be the method of irrigation? Spray irrigator or K-line pods or both? The method of irrigation is K-Line pods.
- Due to the increase in the meat processing season from 10 months to 12 months, will there be subsequent annual increases in:
 - the annual volume of effluent being generated and discharged to land; The volume of treated wastewater discharged to land could increase compared to that currently undertaken in practise. It could also increase on a daily basis as no daily limit on what can be discharged is proposed. It is important to note here, that while this is possible, the key driver of potential impacts from the irrigation of treated wastewater to land is the nutrient loading rates, in particular nitrogen loading rates. These are proposed to be reduced from 450 kg/ha year to 350 kg/year on cut and carry operations and 350 kg/year to 200 kg/year on grazed pasture . In addition, maximum irrigation application depths are proposed to be reduced from 35 mm/day to 15 mm/day from 1 April to 30 September each year.
 - the annual groundwater take; in practise, potentially, but the effects assessment is based on the assumption that Blue Sky Meats is taking the maximum volume every week and that hasn't changed from that allowed for under the existing consent.

- the annual volume/time of discharging contaminants to air; and Yes, this will be the case for the initial period of the consent until the hot water boiler is decommissioned in August 2024. But this is driven by the increased limits applied for until the hot water boiler is decommissioned. After that, there will be an improvement compared to what is currently consented.
- the annual volume of dewatered groundwater and surface water being discharged to surface water This won't change the volume of dewatered groundwater as it is a passive system independent of the processing operation, ie groundwater levels will dictate the volume of discharge. The amount of stormwater discharged depends on the amount of rainwater that falls etc, so is also independent of the processing operation.

If you could get back to me on the above it would be much appreciated.

Kind Regards,

Ryan

Ryan Hodgson

Senior Consents Officer

Environment Southland Te Taiao Tonga

P 03 211 5115 | [DDI](tel:032115115) | M 021 311 833

Cnr Price St & North Rd, Private Bag 90116, Invercargill 9840

Ryan.Hodgson@es.govt.nz | www.es.govt.nz | facebook.com/enviromentsouthland

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