

12 November 2024

E:mail: jessica.andrews@slrconsulting.com

Tena koe Jessica

RE: LUSE-202.2024.00001922.001 & LUSE-202.2024.00001922.002 – TRANCHE 2 Responses to S92 Requests

This letter covers Pattle Delamore and Partners Ltd's (PDP) report addressing air quality related information requests and constitutes Tranche 2 of the Applicant's responses to your letter dated 4 July 2024 requesting further information in association with various matters relating to a proposal from Agright New Zealand OPCO1 Limited (the Applicant) to construct and operate two chicken broiler farms on Wani Road, Netherton.

PDP's report is provided as Attachment 6 (Note the Attachment numbering picks up from Tranche 1 Attachments).

AIR QUALITY

Request:

11. Please provide an assessment of the rationale for excluding the existing dwellings located on the wider dairy farm areas located at 780 & 874 Wani Road as sensitive receptors in the Air Quality Report. The dwellings are contained on separate allotments to the proposed chicken broiler farms and from my understanding the houses are occupied by farm workers.

No written approvals have been provided from the owners or occupiers of these dwellings/sites, therefore the potential odour nuisance effects of the proposal on the owners and occupiers of these nearby dwellings is a relevant consideration to this application.

The Air Quality Report should in my opinion assess the potential odour nuisance effects on all nearby dwellings, including those located on the two operational dairy farms. Please update the Air Quality Report accordingly.

Response:

Refer to the report prepared by Pattle Delamore and Partners Ltd at Attachment 6.

Request:

12. Please advise whether the Air Quality Report has accounted for the timing in which the growing and cleaning cycles will occur (i.e. whether there is a possibility that the cleaning cycles for both farms will overlap and lead to cumulative odour effects on neighboring dwellings).

Response:

Refer to the report prepared by Pattle Delamore and Partners Ltd at Attachment 6.

Request:

13. Please provide an assessment of the potential odour effects on nearby vacant allotments in which a dwelling could be established as a permitted activity.

Note: The Hauraki District Council will be taking into account the results of the specialist review of the Air Quality Report to be commissioned by the Waikato Regional Council.

Response:

Refer to the report prepared by Pattle Delamore and Partners Ltd at Attachment 6.

Yours sincerely,



Mason Jackson
Mitchell Daysh Limited

+64 27 230 8567

mason.jackson@mitchelldaysh.co.nz



ATTACHMENT 6

PDP Report on Air Quality Related Responses



29 October 2024

✦ Mason Jackson
Mitchell Daysh
Office 4 Level 1 East
Panama Square
14 Garden Place
HAMILTON 3204

Dear Mason

RESPONSE TO SECTION 92(1) (RMA) INFORMATION REQUEST IN REGARD TO CONSENT APPLICATION APP146568

1.0 Introduction

Agright New Zealand OpCo1 Limited (Agright) has applied for resource consent from Waikato Regional Council (WRC) and Hauraki District Council (HDC) for the operation of a broiler chicken farm on Wani Road, Netherton. HDC has requested additional information in relation to this application and Agright has subsequently engaged Pattle Delamore Partners Limited (PDP) to prepare and respond to air the quality related questions (questions 11 to 13). PDP's responses are set out in the following sections.

2.0 S.92 Response

Question 11

Please provide an assessment of the rationale for excluding the existing dwellings located on the wider dairy farm areas located at 780 & 874 Wani Road as sensitive receptors in the Air Quality Report. The dwellings are contained on separate allotments to the proposed chicken broiler farms and from my understanding the houses are occupied by farm workers.

No written approvals have been provided from the owners or occupiers of these dwellings/sites, therefore the potential odour nuisance effects of the proposal on the owners and occupiers of these nearby dwellings is a relevant consideration to this application.

The Air Quality Report should in my opinion assess the potential odour nuisance effects on all nearby dwellings, including those located on the two operational dairy farms. Please update the Air Quality Report accordingly.

These properties are located on land owned by the applicant and their approval to the application is implicit in the application as lodged. The current occupiers of those houses (workers affiliated with the previous owners of the land) will not remain occupants once the poultry farms are operational. The applicant will be both the owner and occupier of the houses following the operation of the broiler farms at both 780 and 874 Wani Road and should be considered as much for the purpose of s.95E(3)(a) of the RMA.

As such, an amenity impact or potential health impact assessment is not required for these properties.

Question 12

Please advise whether the Air Quality Report has accounted for the timing in which the growing and cleaning cycles will occur (i.e. whether there is a possibility that the cleaning cycles for both farms will overlap and lead to cumulative odour effects on neighbouring dwellings).

The Air Quality Report assessed both farms operating at the same time. This is to provide the worst-case cumulative odour concentration as the peak odour emission rate from the sheds will occur at the same time.

In general, the operation of each shed will be on a different start date, this could vary from a few days to a week and depends on the schedule of chicken delivery. Sheds are normally cleaned one at a time, but there is the potential for one shed from each farm to be cleaned at the same time, the predicted odour concentration during shed cleaning were not modelled however, based on the odour observation undertaken during shed cleaning the cumulative odour effects at neighbouring properties will be negligible.

Question 13

Please provide an assessment of the potential odour effects on nearby vacant allotments in which a dwelling could be established as a permitted activity.

WRC has provided Agright with a figure indicating the properties where additional buildings could be established¹. These properties are coloured pink and purple in Figure 1, and are shown alongside the predicted 99.5%ile 1-hour odour concentrations. PDP notes that the predicted off-site odour concentrations are now slightly different to what was provided in the original AQ assessment as settings have been changed in the air dispersion model² in response to the WRC s.92 questions.

As it is not possible to say exactly where additional dwellings would be constructed on these properties, PDP has not provided any tabulated concentrations. However, based on the information provided in Figure 1, the likely 99.5%ile odour concentrations at locations where residences may be constructed is predicted to be between 1 and 2 OU. PDP considers that the odour concentrations provided for the identified sensitive receptors encompasses the likely odour concentrations at these parcels. If odour was experienced at these locations the likely intensity would be considered very weak.

In addition to this, PDP has looked into the landownership of these parcels and notes that a number of the parcels are owned by the same owners, this reduces the likelihood that new properties would be constructed a number of the vacant allotments.

¹ PDP has used relied on this information in the response to this question.

² This model was run using MDSIP 2 and PDF on

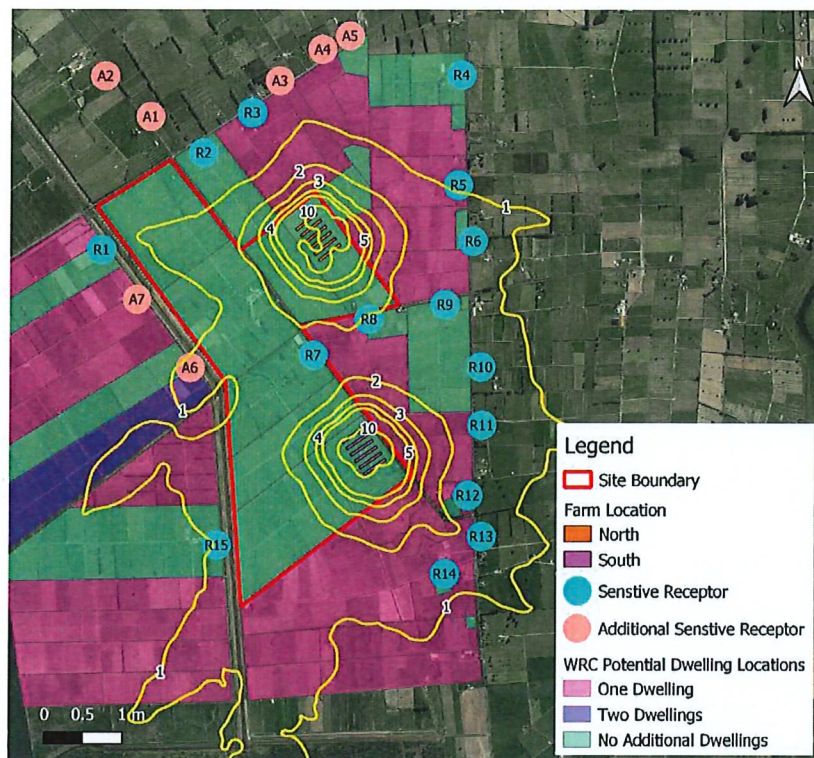


Figure 1: WRC Potential Dwelling Locations and 99.5%ile Odour Concentrations

3.0 Closure and Limitations

If you have any questions please feel free to contact the undersigned on 021 950 960 or tara.potts@pdp.co.nz.

This report has been prepared by PDP on the specific instructions of Agright New Zealand OpCo1 Limited for the limited purposes described in the report. PDP accepts no liability if the report is used for a different purpose or if it is used or relied on by any other person. Any such use or reliance will be solely at their own risk.

© 2024 Pattle Delamore Partners Limited

Yours faithfully

PATTLE DELAMORE PARTNERS LIMITED

Prepared by

Tara Potts

Senior Air Quality Scientist

Reviewed and Approved by

Andrew Curtis

Technical Director – Air Quality