

Our reference: APP-20181676
Enquiries to: Rebecca Robertson
Email: rebecca@slwp.co.nz
resourceconsents@es.govt.nz

31 January 2019

Castlerock Farming Company Limited
c/- Tim Muller
Landpro
13 Pinot Noir Drive
Cromwell 9342

Dear Tim

Request for Further Information under Section 92(1) of the Resource Management Act 1991 - Application for the construction of up to 12 bores to access the Lumsden Aquifer and to take and use water from the Lumsden Aquifer for hydraulic testing and irrigation

Thank you for lodging an application to construct up to 12 bores accessing the Lumsden Aquifer and to take and use water from the Lumsden Aquifer for hydraulic testing and irrigation.

I require further information before a determination can be made on your application.

Please provide^[1], in accordance with Section 92(1) of the Resource Management Act, the following information:

Bores and testing

- Please provide map references (NZTM 2000) for the proposed 7 bore locations identified on the Well Location Plan.
- Please provide further details regarding the proposed bore locations in proximity to surface waterbodies including any wetlands, proximity to septic tank outfalls, name of driller and method of construction. *Note: The attached Environment Southland form 'Construct a Bore and Undertake a Bore Test Application Form' details the information required when applying for a resource consent to construct bore(s).*

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Water take effects

- Stream depletion is discussed in the application and the Technical Comment Report included in the application. Environment Southland's Technical Specialist – Soils and Groundwater completed a review of this application and has identified that other groundwater take reports for small, spring fed streams in Southland use a stream bed conductance estimate of between 1-10m/day. The application as submitted estimates the stream bed conductance at 0.1m/day for all surface waterbodies. Therefore, please provide justification for the lower conductance rate or provide an updated assessment using a more

For now
& our future



conservative stream bed conductance for:

- The Oreti River;
- Murray Creek; and
- Other smaller surface waterbodies identified in the updated map as requested above.
- Environment Southland's Technical Specialist – Soils and Groundwater Quantity has reviewed the application and has concerns regarding the interference with neighbouring bores as a result of the proposal. Please provide an assessment adverse effects in accordance with Appendix L.3 of the Proposed Southland Water and Land Plan of the following bores:
 - E44/0370, E44/0341, E44/0012, E44/0480 and E44/0527 located within the Lumsden Aquifer; and
 - E44/0132, E44/0127, E44/0490 and E44/0126 located within the Castlerock Groundwater Management zone which may be potentially affected.
- Please provide further assessment of the adverse effects on bore E44/0300, this assessment should account for current water permits being exercised fully.

Lumsden aquifer allocation

- It has come to Environment Southland's attention through the consideration of this application there is an eleventh take occurring from the Lumsden Aquifer which had been previously been accounted for in the allocation records for the Castlerock Groundwater Management Zone. A review of the Bore Logs for E44/0370 on the applicant's property has resulted in the allocation of this take being transferred to the Lumsden Aquifer. This take is for 43,800m³ per year. Therefore, the remaining allocation for the Lumsden Aquifer is 73,878m³ per year. Please advise if you wish to amend the annual volume sought in the application to align with the updated remaining allocation volume.

Determination of your application is postponed until receipt of this information.

Under Section 92A of the RMA you have until 15 working days from the date of this request, which we calculate to be 21 February 2019, to either provide the information, tell the Council, in writing, either that you agree to provide the information or that you refuse to provide the information.

If you refuse to provide the information requested, or if you do not respond to this request, the Council may decline the application on the grounds that it has inadequate information to determine the application.

Please contact me if you have any questions regarding this request.

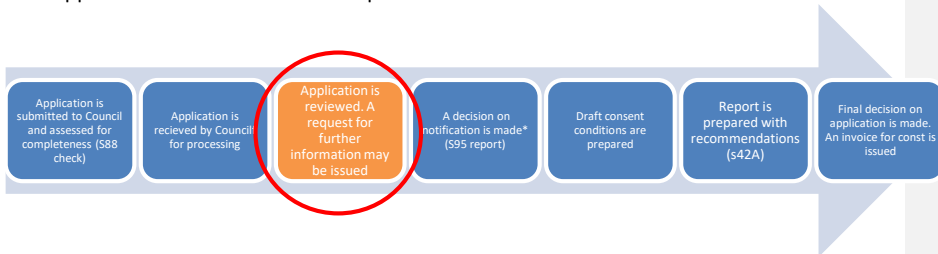
Yours sincerely

Rebecca Robertson
Consultant Planner

CC

Castlerock Farming Company Limited, 72 Castlerock Road, RD2, Lumsden 9792

Your application is here in the consent process:



*If your application is assessed as needing to be limited or publically notified, you will be contacted regarding the process for these pathways.