

Ref: BLM1219

Selwyn District Council  
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Sent via email to: [jon.trewin@selwyn.govt.nz](mailto:jon.trewin@selwyn.govt.nz)

**Attn: Jon Trewin**

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22 January 2021

Dear Jon,

## PLAN CHANGE 190061 – Darfield

Thank you for your request for further information regarding wastewater and water supply. The following sets out comment and information in relation to the request.

### Wastewater

*Council has been successful in acquiring stimulus funding from the Government to progress a wastewater pipeline from Darfield through to Rolleston. This project is subject, in part, to consultation, but now has a higher probability of going ahead.*

*Please comment on the feasibility for this proposed plan change area to be serviced by a reticulated wastewater system connecting to the proposed trunk wastewater line to Rolleston. A plan showing the proposed termination point is attached. CH 0 is a lift pump station. Please contact Murray England Asset Manager Water Services for further information.*

The proposed plan change will enable the development of the site for residential purposes, on the basis that onsite wastewater would be required as no reticulated system is in place for Darfield. However, the plan change application anticipates that a future system could be installed and that it is more appropriate to connect to this system, rather than dispose wastewater to ground. Any future subdivision of the site will be required to take into consideration the current services at the time of development and the clear District Plan policy direction that requires connection to reticulated services where they are available. Any future development on the site is potentially a 12 – 18 months from this time, given the plan change process, and the time to design and consent a subdivision. Therefore, it is likely that coordination with Council's reticulated system is feasible at the time of design and construction.

Engineering design of sewer pipework with the application site will be required to ensure gravity feed into a future reticulated system is achieved, subject to the SDC lift station infrastructure being located deep enough to accommodate such design. Given this it is considered that there is no reason why new infrastructure could not be accommodated as part of any future development of the site.

## Water

*Council is in the process of drilling a new community water supply bore on land it owns on the south side of Creyke Road. The application confirms the need for a new water source within, or in the area of, the proposed Plan Change. The new bore will require a 100m radius ground water protection zone. Please comment on the feasibility of the protection zone being shown on the Outline Development Plan. A plan showing the location of the bore being drilled is attached. Please contact Murray England Asset Manager Water Services for further information.*

The proposal sets out that additional water supply for Darfield to accommodate this development is required, so confirmation from Murray England this is going ahead supports the proposed plan change servicing requirements. The proposed location of the new infrastructure is shown in relation to the proposed outline development plan in Appendix A attached. This shows that the Council water take will have a 100m ground water protection zone across part of the application site that is proposed to be both road reserve and a small area of the proposed Business Zoned land.

Ground water protection zones are affected by stormwater discharges to ground and onsite wastewater disposal to ground. Ideally the application site will be serviced by reticulated sewer in conjunction with Council infrastructure upgrades as noted above, meaning that on-site wastewater disposal is not required.

It is anticipated that, as a source of community drinking water supply, there will be a groundwater protection area of 100 m identified in Schedule 1 of the Canterbury Land and Water Plan. Any future wastewater discharges or stormwater discharge will not be able to occur within this without obtaining a resource consent under Rule 5.8, or Rule 5.94A of that plan. Therefore, any effects on the community drinking water will be avoided.

As the proposed Plan Change area which includes part of the likely ground water protection zone is only within the proposed road reserve and business zone any future development will need to consider stormwater solutions that achieve Regional Council resource consent or are outside the exclusion zone. The small scale of this ground water protection zone within the application site means onsite solutions outside of the zone are feasible. Specific details of the location and nature of discharges will be determined at either resource consent or building consent stages.

If you have any questions, please feel free to contact the writer on 03 578 7299 or via email [anna@blg.nz](mailto:anna@blg.nz)

Yours faithfully,

**Baseline Group Marlborough**

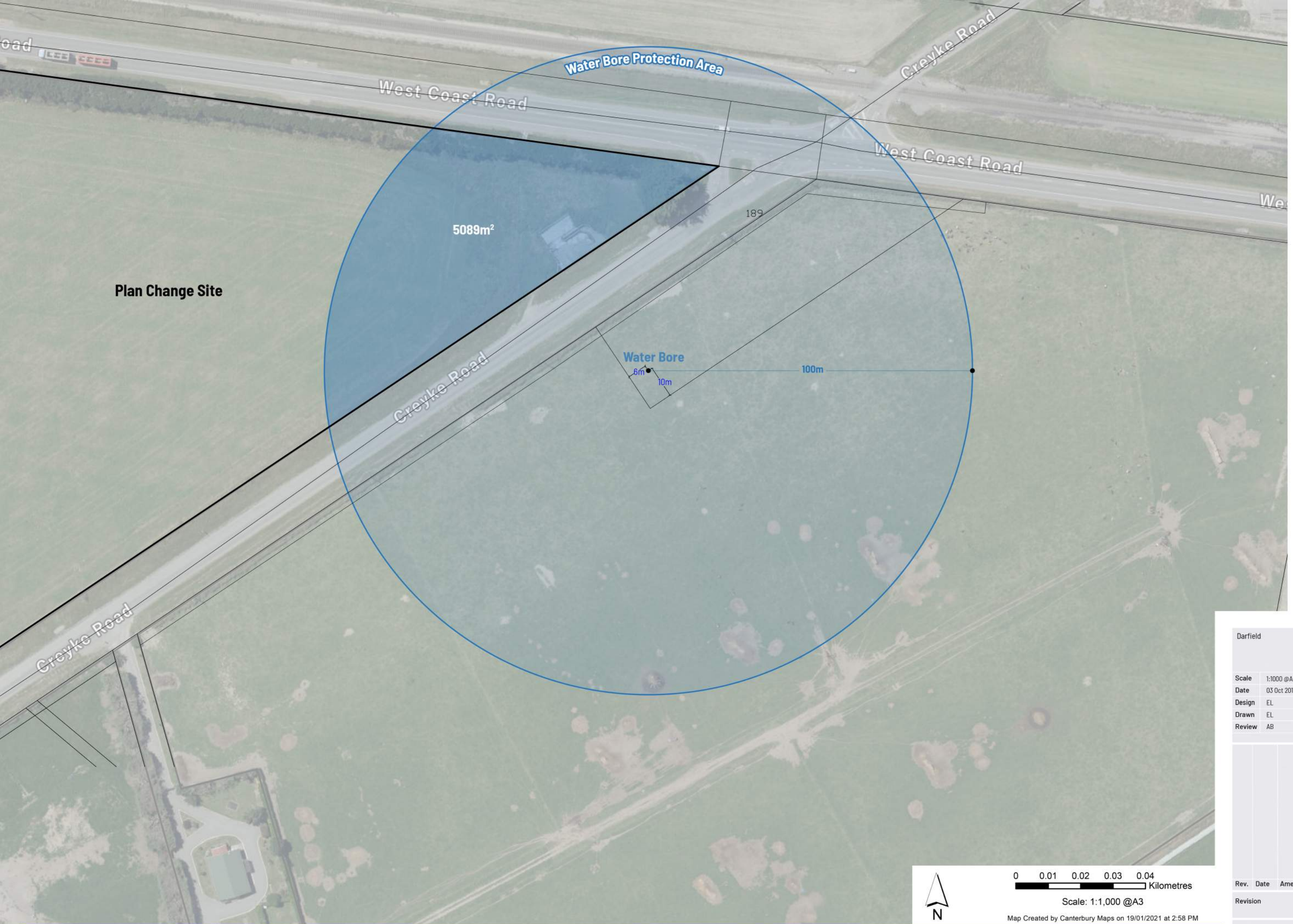


**Anna Bensemann**

Senior Planner

## Appendix A: Proposed water take in relation to ODP





Darfield		
Scale	1:1000 @A3	
Date	03 Oct 2018	
Design	EL	
Drawn	EL	
Review	AB	
Rev.	Date	Amendment
Revision		
Sheet		