

Technical Note

CLIENT:	Myland Partners
PROJECT NUMBER:	241104
PROJECT:	Delmore Stage 2
SUBJECT:	Wastewater Treatment Plant Upscaling

Rev	Date	Description	Originated	Reviewed	Approved
1	18/6/2026	Memo to A. Fawcett, A Allsopp-Smith	M Savage	J Taylor	M Savage

Dear Andrew and Andrew,

I have carried out an initial assessment of land application disposal for Delmore Stage 2 within the Delmore Stage 2 area.

With application to land by spray irrigation you can expect to develop approximately 40 DUEs per hectare of treated wastewater land application area provided at this site.

This high-level guidance, based on typical wastewater generation rates and receiving capacity of the soils on site, should enable you to find an optimal balance between the staging of development vs area required for associated wastewater disposal.

As wastewater disposal is to be on land to later be developed, we would recommend the use of spray irrigation. Although it is quite possible to remove sub-surface irrigation systems, spray systems are significantly more cost effective and faster to remove if the intention is for the system to be temporary. Any concerns around health effects of spray irrigation of sewage are also heavily mitigated by the extremely high level of treatment proposed for this site via MBR + UV. (RO would still only be required for any discharges to surface water).

Once a connection to the public network becomes available, or if an alternative off-site location for disposal to land is identified, the temporary spray system could be easily removed and development could proceed with connection to the permanent system.

Regards,



Matt Savage
Principal Engineer