

Lot 86 and Lot 1264 Orton Road, Cardup

Stormwater Drainage Requirements

(Extract from the approved Urban Water Management Plan)

This information sheet is to provide guidance on water management for homeowners and builders with their development and ensuring Shire requirements are complied to within Lot 86 and 1264 Orton Road, Cardup

All residential lots are to detain the runoff from the first 15mm of rainfall to roofs and hardstand areas via on-lot soakwells. Soakwells shall be interconnected with minimum 90mm diameter pipework.

To prevent interaction with shallow groundwater, soakwells shall be a maximum 900mm deep and located within the sand pad.

To allow for safe overflow, when soakwells are overcome, lots have been provided with a swale drain connecting to a drainage basin. The soakwells are to be interconnected and overflow into the swale provided.

All private drainage swales and basins and the responsibility of the property owner to maintain.

Table 1 – Average Lot Typology Drainage Assumption

Chamber Diameter (mm)	Chamber Depth (mm)	Max. Storage Volume (m ³)	Roof Area Served (m ²)
1200	900	1.02	102
1500	900	1.59	159
1800	900	2.59	229