

GENERAL WATER NOTES (October 2026 Version)

1. Land to be serviced:
2. All levels are to A.H.D. level datum.
3. All forms referred to in these notes shall be accessed on the Wannon Water website when required.
4. The supervising consulting engineer is responsible for the supervision of the works and submission of all required forms to Wannon Water.
5. All construction and design issues to be relayed to Wannon Water through consulting engineer.

ENTRY TO PRIVATE PROPERTY

6. Endorsed design plans do not give the right to access neighbouring land without the permission of the landowner. Entry onto land without the permission of the landowner is trespass. Should the neighbouring landowner deny permission to enter the land and carry out works, you must contact a Wannon Water Development Services Officer to arrange entry to the property under the Water Act.

COMMENCEMENT OF WORKS

7. For excavations 1.5 m deep or deeper, the construction contractor shall submit a "Notice of Intention to Commence Excavation Operations in Trenches, Shafts and Tunnels" form to WorkSafe. This shall be done 3 days prior to commencing any excavations. The consulting engineer shall satisfy himself that this requirement has been met prior to effected works commencing and provide a copy of submission to Wannon Water.
8. Only plans marked as endorsed by Wannon Water shall be used for construction purposes and shall be obtained from the Supervising Consulting Engineer.
9. Prior to commencing construction, contractor shall have a current set of relevant Wannon Water standard drawings on site. Current drawings can be downloaded from the Wannon Water website.
10. The consulting supervising engineer shall submit FORM 25 "Notice By Consulting Engineer For The Commencement Of Works" a minimum of 5 full working days prior to works commencing to allow Wannon Water time to arrange discretionary construction audits. **WARNING:** Any works undertaken without meeting will be the subject of a non-conformance report.

EXISTING SERVICES

11. All other service authorities must be contacted for locations of existing services prior to work commencing.

12. The contractor must verify all dimensions and actual locations of services affecting the alignment of the proposed water main prior to commencing construction.

13. Minimum clearances to services shall not be less than specified in the MRWA edition of the WSA 03-2011-3.1 Version 2 Table 5.5 without explicit permission of Wannon Water.

MATERIALS

14. Pipes shall generally be of the following types:

- RRJ Class 16 MPVC.
- RRJ Class 16 OPVC.
- PE pipe shall be PE100 min PN16.
- Ductile Iron pipes shall be Class PN 35 with cement mortar or enamel lining.

15. All fittings to be concrete or enamel lined cast iron or ductile iron unless otherwise noted.

16. All pipes and fittings shall be audited by supervising consulting civil engineer prior to works commencing.

17. Valves shall be pressure tested at the factory prior to delivery.

18. New swabs provided by contractor shall be inserted into pipes as shown on design drawing. Prior to insertion each swab shall be labelled so that it is identifiable which line has been swabbed. Each swab shall be used once only.

CONSTRUCTION

19. Offsets from property boundaries shall be 2.6m unless noted otherwise.

20. Minimum cover above proposed water main to be 600mm in footway, 800mm in roadway, or as shown.

21. For fire plug installation refer to Wannon Water standard drawing WW-SD-W004.

22. For standard detail of concrete anchor blocks refer to Wannon Water standard drawing W-353-C.

23. For sluice valve installation refer to Wannon Water standard drawing WW-SD-W003.

24. For service connections, connection to main, meter connection arrangement and PE court bowl / link main arrangement refer to Wannon Water standard drawing W-363-C sheets 1, 2 and 3.

25. At completion of each day's work, fit exclusion caps to the end of laid pipes to reduce ingress of foreign matter into pipes. Any water main disinfection costs incurred by Wannon Water due to poor construction practices will be recharged to the developer.

EXCAVATION & EMBEDMENT

26. All excavations, shoring, pipes, fittings and materials required for the works are to be provided by contractor.

27. For excavation and pipe embedment details refer to Wannon Water standard drawing WW-SD-W002.

28. All works shall use bedding materials that conform to one of the following WSAA specifications:

29.a. WSA PS-350 Compaction Sand For Pipe Embedment

30.b. WSA PS-351 Processed Aggregates for Pipe Embedment - The following size aggregates specified in WSA

PS-351 are approved for use:

14mm Graded aggregate

5mm Single-size aggregate

7mm Single-size aggregate

10mm Single-size aggregate

c. WSA PS-359 7mm Processed Aggregate For Pipe Embedment

d. WSA PS-361 Embedment / 5 mm Minus Sand

e. WSA PS-362 Well Graded Crushed Rock for Pipe Embedment

CONNECTIONS

31. Where Tees are required to be installed on an existing watermain, the contractor shall expose the watermain with a 1200mm wide excavation of the following dimensions: 300mm on backside of the main, 1200mm on the front side of the main (where the offtake will be located), and; 300mm below the watermain.

a. Submit "Form 45" and request a site assessment to determine suitability for installation of the proposed tee at the design location.

b. Do not lay pipework up to proposed connection point prior to inspection in case design location is not suitable.

32. "FORM 45" (to request Linkup) and/or "FORM 45" (to request Tee cutin/site inspection), must be lodged with Wannon Water by supervising consulting engineer with the minimum number of working days' notice as specified on the form.

a. Wannon Water staff may not be available on the requested date and will arrange an alternative date with contractor if required. WARNING: All works undertaken without submitting this form will not be accepted.

33. Wannon Water will flush, test and/or disinfect water in all new pipework as required by the HACCP system prior to connection to reticulation network.

34. Wannon Water employees will connect or, at their discretion, supervise the connection of new assets to the reticulation system. The contractor is to expose the watermain and make safe excavations to enable Wannon Water staff to install connections. UNSAFE WORK SITES WILL NOT BE ENTERED AND SHALL BE REPORTED TO WORKSAFE.

35. For subdivisional works, all lots shall be supplied with water services in accordance with Wannon Water Standard Drawing W-363-C.

WATERMAIN SHUTDOWNS

36. Watermain shutdowns, where required shall be by Wannon Water staff. A minimum of 7 full working days is required for Wannon Water to prepare and send notices to affected properties before shutdown can proceed.

37. Operation of valves on live watermains by any person other than authorised Wannon Water Systems Operations Staff is strictly prohibited and illegal. This could result in an inferior water supply to customers including those customers on life support. Any contractor found to have tampered with live assets will be prosecuted in accordance with Section 288 of the Water Act 1989.

RECORDING AS CONSTRUCTED INFORMATION

38. The supervising consulting engineer is responsible for the provision and accuracy of as constructed information and must ensure constructed assets are surveyed prior to backfill in accordance with the relevant A-spec specification.