

## Plumbing Solutions – edition 15

### Pumped Discharges or Rising Mains Installation and Identification Requirements

Pumped discharges are only permitted where it is not possible to gravitate to the authorities' sewer connection. Connection of pumped discharge to SA Water's infrastructure requires assessment of the proposed discharge and authorisation to proceed. Application forms may be downloaded from SA Water's website in the "For Plumbers" section. [Private Pumping Installation Application](#)

Where authorised, installation of a private pumping system including discharge pipework shall comply with all relevant sections of AS/NZS 3500 series of Plumbing and drainage standards.

**Materials selected for private pumping systems shall be in accordance with AS/NZS 3500.1 Plumbing and drainage standard – Appendix B – Acceptable Pipes and Fittings.**

**Common materials selected for pumped discharge pipework**

- Polyethylene (PE) pipes and fittings in accordance with AS/NZS 4130 and AS/NZS 4129.
- Unplasticized polyvinyl chloride (PVC-U) pipes and fittings in accordance with AS/NZS 1477.

**Note: Identification of pumped discharge pipework for pressure sewer applications shall be cream and include the marking "SEWAGE". Materials not appropriately identified are to be either sleeved or spirally wrapped with a material which appropriately identifies the pipe contents.**

All plumbing work associated with the private pumping installation and its connection to the sewerage system shall be undertaken by a licensed plumbing contractor who is required to book the installation with SA Water for an audit inspection. A certificate of compliance and as constructed sanitary drainage drawing must also be issued by the licensed plumbing contractor within seven days of completing this work.

Bookings for inspection can be made via SA Water's Customer Contact Centre on 1300 884 055 or alternatively via the internet at <http://plumbooking.sawater.com.au>

If you have any questions about Pumped Discharges or Rising Mains Installation and Identification Requirements or the AS/NZS 3500 Plumbing and Drainage Standards or alternatively, if you would like copies of this or various editions of Plumbing Solutions, please contact Plumbooking on (08) 7424 1360 or email [plumbooking@sawater.com.au](mailto:plumbooking@sawater.com.au)

We welcome your feedback. If you have any comments about Plumbing Solutions, or wish to suggest some topics to be covered in future editions please send us an email to the above mail box.