
SA Water Supplementary Documentation

Vacuum Sewerage Code of Australia

Introduction

General

This describes SA Water's specific requirements for its vacuum sewer network which are in addition to those detailed in the Water Services Association of Australia (WSAA) Vacuum Sewerage Code of Australia (WSA 06-2008 V1.2).

Supplementary sections are provided for each part of the Vacuum Sewerage Code (Parts 1 to 4). Each supplement contains-

- A3 overview sheet
- Supporting documentation which is divided into 2 sections (if applicable)-
 - Related Requirements (expansion of issues covered in Code)
 - Additional Requirements (issues not covered in Code)

Installation of the Supplementary Documentation

It is recommended that the Supplementary Documentation be printed or copied onto coloured paper during or after downloading from the SA Water website to assist in identifying the Supplementary Documentation pages.

The SA Water Supplementary Documentation is designed to be incorporated into the WSAA Vacuum Sewerage Code of Australia (WSA 06), which is supplied in a 4 ring folder format to facilitate updating of the document. The supplementary sections are designed to sit behind the relevant sections of the code.

The A3 pages are designed to be folded in half and the top section folded back on itself so that the page title can be identified (see WSAA drawings as an example). The A3 page(s) make up the first part of each section and the relevant A4 pages sit behind each set of A3 page(s).

The sections are to be positioned in the WSA 06-2008 code A4 folder as follows:

Section	Number of Pages	Location within WSA 06 Folder
Introduction	2 x A4 page	After Page 3
Part 1 - Design	1 x A3 followed by 13 x A4 pages	After Page 156
Part 2 - Materials	1 x A3	After Page 176
Part 3 - Construction	1 x A3 followed by 15 x A4 pages	After Page 276
Part 4 - Drawings	1 x A3	After Drawing VAC-1404

To be used with **WSA 06-2008 V1.2**

Method of Operation

When using this supplementary documentation it is recommended that the A3 sheet be opened out. As the user reads each clause they can then check the fold out sheet to see if there are any further SA Water requirements. Where brief changes are required they will be detailed on the A3 sheet, but if more detail is required the last column on the sheet indicates the location of the additional information.

Vacuum sewer systems are relatively new and no Construction Manual or drawings currently exist but they will be developed if and when alternate local requirements are required.

Innovative Solutions

WSAA Vacuum Sewerage Code of Australia and this supporting documentation essentially provides “deemed-to comply” solutions for the creation of Water Agency reticulation assets. Alternative solutions, practices, equipment and methodologies will continue to evolve and offer opportunities to improve the creation of these assets. SA Water encourages employment of any innovation that offers enhanced productivity and serviceability, but SA Water’s input shall be sought before any innovative opportunity is installed.

Responsibilities

Designers and constructors are responsible for their respective aspects of the sewer design and construction process. It is the designer/constructor’s responsibility to justify any variation from the requirements set out in the Vacuum Sewerage Code of Australia (including the attached SA Water Supplementary Documentation) and/or the SA Water Construction Drawings plus any specific directions given by SA Water for the particular project. The designer/constructor is to obtain SA Water endorsement for any variation.