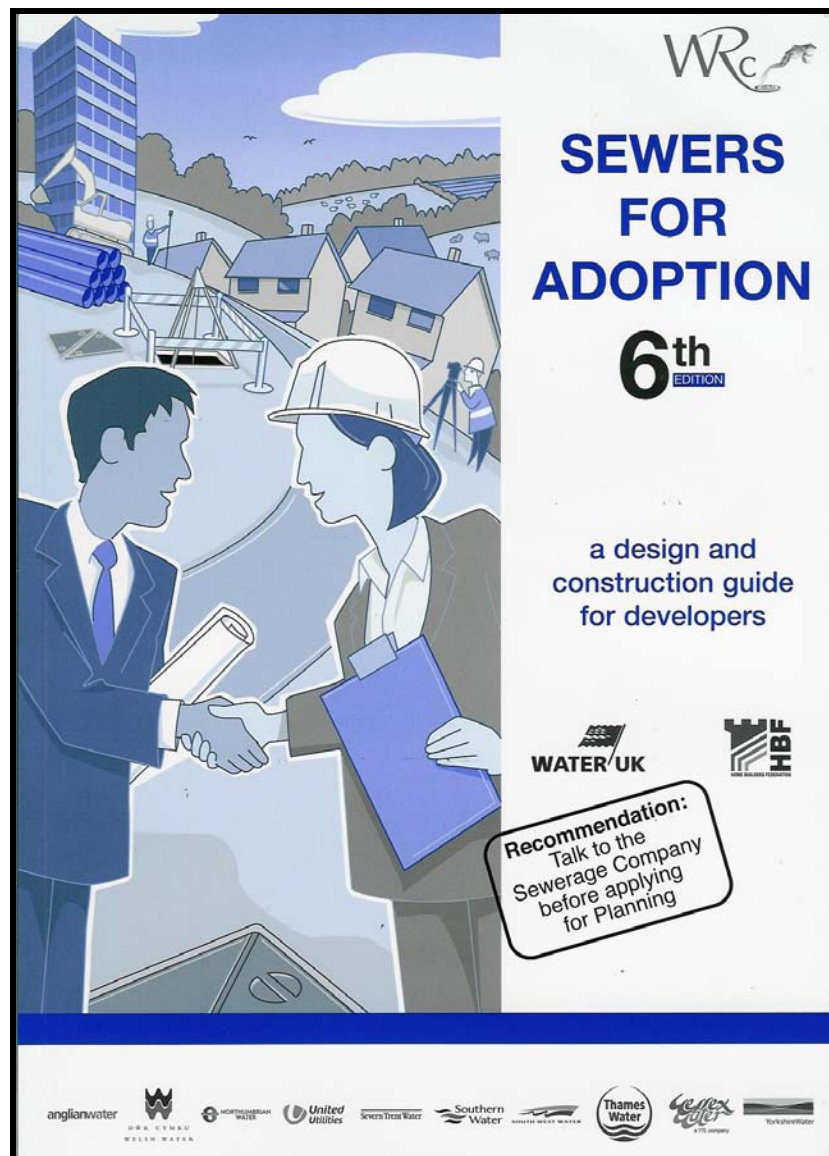


THE CHANGES TO SEWERS FOR ADOPTION 6TH EDITION




WRC

SEWERS FOR ADOPTION

6th EDITION

a design and construction guide for developers

WATER/UK



Recommendation:
Talk to the Sewerage Company before applying for Planning

anglianwater
Dŵr Cymru
NORTHUMBRIAN WATER
United Utilities
Severn-Trent Water
Southern Water
Thames Water
Yorkshire Water

The Changes to Sewers for Adoption 6th Edition

Introduction

This paper is intended to detail what changes have taken place to SFA6 from the previous edition. It will set out the page and close with a short commentary on what the change is and, where applicable, a reason for the new text.

It has been agreed with the Sewerage Undertakers that SFA6 will take effect from 1 May 2006.

Page	Clause	Comments
i	Foreword	Conveys the main objectives of SFA6 and the key areas of change. It recognised that SFA6 had to speed up the adoption process and introduce new sections on Lateral Drains, SUDS and PPG 25. The need to address a specification for smaller pumping stations complements the details for larger pumping stations. The use of addenda has been minimised to a far greater extent in SFA6 than the 5 th Edition, which has resulted in Sewerage Undertakers accepting that they will not use any addenda other than those for pipe materials and pumping stations. Both these addenda will be posted and updated on the WRc website (www.wrcplc.co.uk/sfa subject to approval after any Steering Group Review Meetings).
iii	Drafting Group	Shows the people involved with the drafting of SFA6.
iv-vi	Contents	New format of the contents from the previous Editions.
PART 1		
3	1.1	An updated definition of terms
3	1.2.4	The Guide now includes lateral drains as defined in the Water Act 2003.
4	1.2.6	Details within the Guide incorporate the requirements of the Water Act 2003 and the Protocol on Design, Construction and Adoption of Sewers in England and Wales
4	1.2.8	The construction of petrol and oil interceptors is not covered by Section 104 Agreements.
4	1.2.9	New requirement to inform the Undertaker of any contamination on a site.
4	1.2.10	Statement on sustainability
4	1.2.11	Undertakers can now use Self Certification of Engineers who have the appropriate accreditation with the Undertaker
5	1.4.3	Transfers of Pumping Stations are now encouraged to be progressed during the maintenance period.

Page	Clause	Comments
5	1.5.1	Developers are encouraged to progress the drainage requirements before a Planning Application is made.
5	1.5.5 & 6	Enhancement of the disputes procedure that can be invoked by a Developer.
6-10	Flow Charts	More detailed information on the procedures and timescales, with the main change being the bond can be cancelled at the time of the issuing of the Provisional Certificate.
11	1.7.1	Additional information and requirements to enable a Provisional Certificate to be issued.
11	1.7.2	Undertakers' obligations with regard to the issuing of the Provisional Certificate.
11	1.7.7	New paragraph transposed from the Model Agreement detailing the time periods when an Undertaker can sanction works at the cost of the Developer and call in the Surety.
12	1.8.4	Undertaker to issue a Vesting Declaration in a reduced timescale of four weeks instead of two months.
12	1.9.1	Minimum fee increased from £250 to £500
12	1.9.2	Highlighting the Developer's option of using the disputes procedure if it is felt that the Fees/Bond are exorbitant.
13	1.10.1	Minimum Bond increased from £2000 to £5000.
13	1.10.4	Some Undertakers may allow either a reduced Bond or a Bond waiver
13	1.10.5	As previously stated, the Bond can be released at the time of issuing the Provisional Certificate except where a Pumping Station is part of the Agreement.
13	1.11.1	Increased details of bodies who may need to be consulted for any Statutory Consents.
13	1.11.2	Any information relating to the Planning Approval needs to be forwarded to the Undertaker.
14	1.12	Enhanced details for Highway Drainage which may be required by some Undertakers.
15	1.18	Durability of any Specialist Sewerage System needs to be proven over a 20 year period.
15-17	1.19	New section on SuDS setting out what Undertakers are prepared to adopt and the maintenance responsibilities.
PART 2		
21	2.2	Only item which is covered in Part 1 & 2 as being updated on the WRc Website www.wrcplc.co.uk/sfa after the launch of SFA6 is the pipe materials
21	2.4.4	Stand off distances for rising mains need to be agreed with the Undertaker.

Page	Clause	Comments
22	2.4.7	Surface Water Outfalls greater than 300mm require a hinged lockable safety grille.
22	2.4.9	New requirement for the planting of trees near sewers.
22-23	2.5	Incorporated table and sections for Building over or near to a sewer. Adapted from SFA5 addenda with Undertaker's individual distance criteria.
24	2.6	New section on the diversion of public sewers within a development.
24	2.7.3 & 4	Further commentary to aid Developers when making a connection to public sewers.
24- 26	2.9	Approval is required on shallow manholes, manhole chamber sizes amended to omit 1350mm, use of "in-fill" covers not allowed, new bedding requirements in heavily trafficked roads, new details for backdrops, additional information on brickwork and a table adapted for SFA5 addendum on opening sizes and requirements for each Undertaker.
27	2.10.3	New table showing Undertaker's Protection Measures for Sewers.
27	2.11	Alteration to the minimum size of a sewer.
27-28	2.12	New criteria for industrial developments and for 100mm pipes.
28	2.13.6	Highlighted position on the rights of a Developer to question the hydraulic design for surface water on the site.
29	2.14.2 & 3	Added paragraphs on the use of storage for the protection of flooding.
29	2.15	This section in SFA6 is a completely new set of information about surface water discharges and reflects what is in the Interim Code of Practice for SuDS and PPS25, with surface water management being a material consideration in the Planning Process. Reference to PPS25 was deemed to be important and further guidance will be available with PPS25 in the form of "Practice Guides" in autumn 2006.
30	2.16.4	New criteria on the need to install a manhole at the end of a rising main to gravitate into the existing sewer.
31-40	Figures 2.1 to 2.10	New details to support various parts of the Guide.

Page	Clause	Comments
PART 2B		
41-46	2.17 to 2.22	Re-titled section to cover submersible Pumping Stations not exceeding 30kw per pump.
42	2.18	Location of habitable buildings near a Pumping Station may be subject to a reduction of the 15m distance depending on the local circumstances like the size of the Pumping Station or its protection by inhabitable buildings.
PART 2C		
47-50	2.23 to 2.28	New section which introduces the concept of Lateral Drains as set out in the Water Act 2003.
PART 3		
51-80	3.1 to 3.19	M & E Specification for Small Pumping Stations which has been updated in line with the new standards and will be accompanied by an addendum on the WRC website www.wrcplc.co.uk/sfa .
PART 4		
81-108	4.1 to 4.19	This is a new section in the Guide which covers small Pumping Stations where the number of connected properties does not exceed 15. It will also be complemented by an addendum on the WRC website.
PART 5		
109-144	5.1 to 5.7.11	This part of the Guide is updated in line with new standards and is compiled in association with the Civil Engineering Specification for the Water Industry (CESWI)
PART 6		
145- 163	Model Agreement	The only substantive change to the Model Agreement is that Undertakers may not now require a Deed of Grant of Easement, though it needs to be assessed in relation to each set of circumstances. As a norm, the statutory powers in the Water Industry Act 1991 allow Undertakers not to necessarily require this Deed of Grant of Easement.