

# **SEQ Water Supply and Sewerage Design & Construction Code (SEQ WS&S D&C Code)**

## **PRESSURE SEWERAGE CODE SCHEDULE OF AMENDMENTS**

**Amendment No.1 – April 2020**



This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

## Schedule of Amendments to Pressure Sewerage Code (Changes from July 2013 Version 1.0 to April 2020 Version 1.1)

SEQ Pressure Sewerage Code		
Section	Clause	Change
ALL		Change "Redland Water" to "Redland City Council" Change "Gold Coast City Council" to "City of Gold Coast" Change "Queensland Urban Utilities" to "Urban Utilities"
INTRODUCTION		Under Proposed Amendments New Sub-heading "Using of SEQ Integrated Code" added with text as follows: "As you read through the SEQ Integrated Code, you will note that a bold vertical line appears in the left-hand margin beside some clauses and paragraphs or parts thereof. The line indicates that there has been an amendment made by SEQ Service Providers to that particular paragraph or clause of the WSAA edition i.e. material has been modified, added and/or no longer relevant. In addition to the marginal marking, general modified and/or added text (those agreed to by all Service Providers) appears in a green coloured font and the specific requirements of each Service Provider appears in a red coloured fonts. The text that is no longer relevant in the Code is not removed from the text, however a line is placed through the text."
	Scope of Code	The second sentence of the second paragraph is amended to read: "However, where those drains are likely to be maintained by the Water Agency or its contractor, it is recommended that the SEQ Code Edition of WSA 02 (Gravity) Sewerage Code of Australia be adopted as an alternative solution for the sanitary drainage systems specified in the Plumbing Code of Australia."
PART 0 - GLOSSARY OF TERMS, ABBREVIATIONS AND REFERENCES		GLOSSARY OF TERMS: new definition added as follows: on-property components of pressure sewer system Assets owned by the property owner for the collection of wastewater within the property boundary for connection to the sewerage system including the sanitary drain, grinder (or macerator) pump(s), collection tank, electrical works, control / alarm panels, property discharge line and boundary kit (up to but not including the property isolation valve). property isolation valve Valve located on public property immediately outside the boundary of the private property being serviced. It serves to connect the property boundary kit (private components) to the pressure sewer lateral (public components)
	III Referenc ed Document s	In the section under the heading: WSAA—may be purchased or downloaded* free of charge from <a href="http://www.wsaa.asn.au">http://www.wsaa.asn.au</a> Delete the first three rows that make reference to the documents WSA 02, WSA 03 and WSA 06. Amend the references at the end of the table to read: SEQ-WSA 02 SEQ-WSA 03 SEQ-WSA 06
		<b>FIGURE I PLAN OF TYPICAL ON-PROPERTY COMPONENTS OF PRESSURE SEWER SYSTEM:</b> Amend the text in the figure from

This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

		"Property service line" to read "Pressure sewer lateral"
		<b>FIGURE II Section OF TYPICAL ON-PROPERTY COMPONENTS OF PRESSURE SEWER SYSTEM FOR SERVICING EXISTING PROPERTIES:</b> Add property isolation valve to the drawing.
PART 1 - PLANNING AND DESIGN	1.1	Amend the reference to WSA 02 in the first two paragraphs clause as follows:  <i>"WSA 02 Sewerage Code of Australia" becomes "SEQ Code edition of WSA 02 (Gravity) Sewerage Code of Australia"</i> <i>and</i> <i>"WSA 02" becomes "SEQ Code edition of WSA 02"</i>
	1.7.1	Amend the reference to WSA 02 in the first sentence of the clause as follows: WSA 02 becomes SEQ Code edition of WSA 02
	3.13	TABLE 3.1 CLEARANCES BETWEEN PIPELINES AND OTHER UNDERGROUND SERVICES: Amend the Table header of column one to read: Utility (Existing or proposed) Amend the text in the last cell of the table to read: "150 (where possible)"
	4.2	Amend the reference to WSA 02 in the clause as follows: WSA 02 becomes SEQ Code edition of WSA 02
	4.4.1	Update the Clause references in the first paragraph to read: "Fundamental to the design of pressure sewer systems is the determination of sanitary flows which shall be determined in accordance with Clauses 2.4.1, 2.4.2, 2.4.3 and Section 3 of SEQ Edition of WSA 02".
	5.3.4	Amend the paragraph text style from italics to normal font.
	6.6	New sentence added to the end of clause as follows: "The visible and audible alarm shall be activated on pump fault and collection tank high-level."
	7.1	New sentence added to the end of clause as follows: "Retrofitting of septic tanks as collection tanks is not permitted."
	9.2.6	Amend the reference to WSA 06 in the second paragraph of the clause as follows:  WSA 06 becomes SEQ Code edition of WSA 06
PART 2 – PRODUCTS AND MATERIALS	10.6.1	Add sentence to the end of the paragraph as follows: "The pump system supplier shall provide the property owner with an owner's manual which includes a service and maintenance plan covering civil, electrical and mechanical assets along with design specification and as installed / constructed plans."
	10.7.2	Amend the first paragraph to read: "De-beading is not to be carried out for butt welding joints unless otherwise specified by SEQ-SPs.  A mechanical/ rotational scraper shall be used to remove

This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

		oxidised layers during electro-fusion joint preparation. The use of hand scrapers is not permitted."
PART 3 - CONSTRUCTION	13.5.2	Amend the first paragraph to read: The Developer or its Constructor/s shall be responsible for any damage they cause to existing services. If the Developer or its constructor damages any existing services, they shall arrange for the relevant service authority to make good such damage and the cost thereof shall be borne by the Developer or its constructor. If in the opinion of the relevant SEQ-SP, the failure or damage causes an emergency situation, then remedial action will be taken by the relevant SEQ-SP and the full cost of such action shall be borne by the Developer or its Constructor.
	17.3	Amend reference to the Standard Drawing to SEQ-PSS-1000-1.
	17.4	Amend reference to the Standard Drawing to SEQ-PSS-1000-1
	18.1	Amend the formatting of paragraph three from italics to normal font.
	18.10	Paragraph three text amended to read as follows: "When installing pipes in cavities, attach a tracer wire secured to the obvert of the pipe." Paragraph four, amend reference to Standard Drawing to SEQ-PSS-1000-1
	18.11	First sentence of the clause amended to read: "Ensure any pipeline constructed above ground or under or near structures and major roadways or at non-standard shallow depth is mechanically protected to minimize future maintenance." Amend bullet point (a) reference to Standard Drawing to SEQ-PSS-1001-1. Amend bullet point (b) reference to Standard Drawing to SEQ-PSS-1002-1. Amend bullet point (c) reference to Standard Drawing to SEQ-PSS-1003-1. Add sentence to clause as follows: "Any mechanical protection shall be approved by SEQ-SPs."
	21.7	Amend clause to read: "Ensure the manufacturer's recommended start-up and commissioning procedure is completed by certified personnel in accordance with manufacturer's warranty conditions, and evidence provided to the Water Agency for acceptance."
	21.9	New clause added to read as follows: "21.9 POLYETHYLENE PIPELINES INSTALLED USING HDD TECHNIQUES An additional 3 m length of pipeline shall be butt welded to the leading end of the pipe string prior to placement. After the pipeline has been pulled through sufficiently to expose the additional 3 m length, the Superintendent and the Contractor shall jointly examine it. If the pipe length is significantly damaged, as defined below, complete replacement of the entire pipeline will be required. Significant damage is defined as: a) Scratches deeper than 10% of the pipe wall thickness evident: and or

This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

		b) Any evidence of plastic failure of the pipe due to tensile forces (e.g. necking or reduction in outside circumference compared with the supplied pipe)."
	24.1	Bullet point (a) amended to read as follows: (a) Address and allotment details, including roadways and easements
	24.2	Bullet point (e) amended to read as follows: (e) Regular offset for the pressure reticulation sewer from property boundaries (either prolongations of side boundaries and buildings or ties from front boundaries). New bullet point (l) added as follows: (l) Location and dimensions of all on-property assets and components relative to property boundaries and building outlines.
<b>PART 4 - DRAWINGS</b>	27.2	Amend the reference to WSA 03 in the second paragraph of the clause as follows:  WSA 03-2002 V2.3 becomes SEQ Code edition of WSA 03

### SEQ Pressure Sewerage Standard Drawings

<b>Drawing Number</b>	<b>Change</b>
SEQ-PSS-INDEX-01B	Updated revision numbers
SEQ-PSS-1100-2B	Change Council to SP in the top left section of the drawing
SEQ-PSS-1101-1B	Property isolation valve change to s/steel ball valve
SEQ-PSS-1102-1B	316 stainless steel isolation ball valve with handle type to suit