



Asset Standard Briefing Notes Water & Waste

Introduction

The purpose of this document is to make Asset Standard briefing notes available to our external partners from the Thames Water Health & Safety Hub. Only briefing notes relevant to asset standards published on TWEXnet are included (mainly Design standards).

You will also find a complete list of AMP 7 Asset Standard briefing notes on TWEXnet in the AMP7 00 folder in PITS.

The table below contains live links which will take you to the updated Standard on TWEXnet. If you have any issues accessing TWEXnet or queries regarding Thames Water Asset Standards please email am.standards@thameswater.co.uk

The briefing notes are listed in date order not numerical order. Briefing notes for standards not issued to TWEXnet will not be included (the numbers may not run consecutively).

For more information on Thames Water Asset Standards please see 'Introduction to Standards' in the 00 folder on TWEXnet.

Date	Briefing note number	Standard Title	Summary of Update	TWEXnet link to updated Asset Standard
23/07/2021	255	WWT 14.1 Chemical Dosing	Minor update: CI 2.4 – Additional guidance given for appropriate selection of mixing equipment with reference to upstream screenings plant performance.	WWT 14.1 Chemical Dosing
08/07/2021	252	WWT2.2 Flow Balancing Tanks Section 2 (Design)	<p>Sec1.2–FTFT calculation altered to 2.5PG+2.5E+I(previously2PG+2E+I) References to maceration removed from document. Fig.2.4 – modified to include storm overflow.</p> <p>Sec 2.4- Offline balancing tank sizing. Additional information given based upon P.E range and retention requirements.</p> <p>Sec 2.6.6 - (New section) Balance Tank returns.</p> <p>Sec 2.9.1 – Process Monitoring- Additional requirement for FTT link to initiate balance tank return system.</p>	WWT 2.2 Flow Balancing Tanks SEC2
28/06/2021	251	WWT 14.1 Chemical Dosing	<p>Periodic update</p> <p>CI 2.1.2 - Amendments to post-precipitation dosing location.</p> <p>CI 2.1.3 – Additional information for suspended solids concentrations</p> <p>CI 2.1.6 - Amendment to chemical dosing for Humus tank performance enhancement. CI</p> <p>2.2.1 – Table 1 Chemical dosing point options updated.</p> <p>CI 2.2.2 – New section- Tertiary solids removal for</p>	WWT 14.1 Chemical Dosing

Date	Briefing note number	Standard Title	Summary of Update	TWEXnet link to updated Asset Standard
			<p>post-precipitation dosing (where P permit<0.7mg/l)</p> <p>CI 2.3.1 – Amendments to Flow and load sampling Table 2- Post precipitation reduction factor added. Table 3- Amended to include primary and secondary dosing.</p> <p>CI 2.3.3 – New section - Alkalinity</p> <p>CI 2.4.1 – Examples of mixing facilities added. Consideration of balancing tanks upstream of chemical dosing point added.</p> <p>CI 2.7.2 – Post precipitation dose rate to be based on real time control.</p>	
22/06/2021	248	WN24 Valve Operations Section 1	<p>Section 1.10.2 Roles & Responsibilities Added: Activity Lead: For all Level 2 and Level 3 incidents, there is a requirement for a FOS, FOM or OOH coordinator to be on-site and act as the Responsible Person (RP) to ensure all activities are carried out as per agreed plan and permits.</p> <p>The RP will act the central point of communication and escalation for the duration of the work.</p>	WN24 Valve Operations
11/06/2021	247	DWI Notification	<p>As of 12th June 2021, mild steel must not be used in borehole construction or in components used in abstraction from boreholes unless its use has been approved under Regulation 31.</p> <p>For those products requiring approval, applications made to the Inspectorate on or before 31 December 2021. The table below provides guidance to applicants on information that should be provided as part of the application.</p>	See Appendix 1

Appendix 1 - DWI Notification; Briefing Note 247; 11th June 2021.

Document/information	Location of information
<i>Application form for Mild Steel well casings</i>	<i>Metallic Construction Products application form - https://cdn.dwi.gov.uk/wp-content/uploads/2020/12/15092534/MetallicProducts1.doc</i>
<i>Application form for Mild Steel rising main</i>	<i>Pipe Systems - https://cdn.dwi.gov.uk/wp-content/uploads/2020/12/15092538/plasticpipes1-1.doc Application must include the alloy composition and any jointing materials</i>
<i>Instructions for Use (IFU)</i>	<i>Advice Sheet 2 provides the requirements for the document - https://cdn.dwi.gov.uk/wp-content/uploads/2020/12/15092447/Advicesheet2-1.pdf this should include any requirements for water quality suitable for contact with the mild steel.</i>
<i>Material BS6920 test reports or conformity to Water Fittings materials</i>	<i>These maybe through reference to the listing on WRAS, NSF Reg 4 or KIWI Reg 4 schemes, or provision of the BS6920 test report. These should be provided for all the non-metallic components used in the product.</i>