

SEQ Water Supply and Sewerage Design & Construction Code

SEQ Accepted Infrastructure Products and Materials

SCHEDULE OF AMENDMENTS

Amendment No.18 – September 2020



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Schedule of Amendments to SEQ Accepted IPAM Lists (Changes from May 2020 Version to September 2020 Version)

SEQ Accepted Civil IPAM List	
Whole of Document Change	
All product categories and all products	Acceptance requirements for all Iplex products. City of Gold Coast has changed its acceptance requirements. Please refer to individual product listings for product-specific acceptance requirements.
WSAA Product Specification No. with Service Provider Specific Requirements	Product specifications and service provider specific requirements have been updated to align with the WSAA Product Specification Issue 7.2 (July 2020).
Category: Sewerage Pipes and Fittings- Non Pressure	
DI Pipe	Update Acceptance requirements as follows: Supplier / Manufacturer: VonRoll / Reece Trade Name: Ducpur/ Ecopur City of Gold Coast Acceptance Requirements: Detector Tape for ISO Pipe spirally wound along pipe and over PE sleeve.
DI Pipe	New Product added: Supplier / Manufacturer: Viadux Trade Name: DIMAX/TYTON XCEED Z+ Size Range: DN100 – 750 Specified Requirements/Minimum Class: 400g/m ² Zn/Al+100µm epoxy or min 900 micron Polyurethane external coating. Min 1300 micron Polyurethane internal lining. City of Gold Coast Acceptance Requirements: Accepted for use Logan City Council Acceptance Requirements: Accepted for use Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP Unitywater Acceptance Requirements: Use is subject to acceptance by SP
DI Pipe	New Product added: Supplier / Manufacturer: Beaver / Iplex Trade Name: Jindal SAW Size Range: DN100 – 750 Specified Requirements/Minimum Class: 400g/m ² Zn/Al+100µm epoxy or min 900 micron Polyurethane external coating. Min 1300 micron Polyurethane internal lining. City of Gold Coast Acceptance Requirements: Accepted for use Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to

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	<p>acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p>
DI Pipe	<p>New Trade Name:</p> <p>Supplier / Manufacturer: Viadux</p> <p>Trade Name: Change "TYTONXTREME" to "DIMAX/TYTONXTREME Z+"</p>
DI Pipe	<p>Update Acceptance requirements as follows:</p> <p>For the following Supplier / Manufacturer and Trade Names</p> <p>Viadux DIMAX/TYTONXTREME Z+</p> <p>Beaver / Iplex Irontite</p> <p>Saint-Gobain Integral Zinalium</p> <p>Vinidex ZAP-HAC</p> <p>City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP</p>
PE pipe - NuSewers	<p>New Product added:</p> <p>Supplier / Manufacturer: Pipemakers</p> <p>Trade Name: Pipemakers</p> <p>Size Range: DN110 – DN800</p> <p>Specified Requirements/Minimum Class: For pipe bursting / cracking installations, minimum PE100 PN10 (SDR 17) to be used and installed with tracer wire, unless specified otherwise. Pipe wall thickness to be designed for installation forces. Butt welded joints are mandatory for pipe bursting / cracking installations.</p> <p>City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Redland City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Urban Utilities Acceptance Requirements: PE is mandatory pipe for reticulation sewers, PE is preferred pipe for larger sewers. Where > PN8, is required, dark internal pipe colour may be used with prior SP approval</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
PE pipe - NuSewers	<p>Update Size Range and Acceptance requirements:</p> <p>Supplier / Manufacturer: ACP</p> <p>Trade Name: ACP</p> <p>Size Range: DN110 – DN315</p> <p>Urban Utilities Acceptance Requirements: PE is mandatory pipe for reticulation sewers, PE is preferred pipe for larger sewers. Where > PN8, is required, dark internal pipe colour may be used with prior SP approval</p>
PE fittings - Moulded	<p>Update Acceptance requirements as follows:</p> <p>Supplier / Manufacturer: David Moss Corporation</p> <p>Trade Name: DAMOS</p> <p><u>and</u></p> <p>Supplier / Manufacturer: Fusion QLD</p>

	<p>Trade Name: Flo Right</p> <p>City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Redland City Council Acceptance Requirements: NOT ACCEPTED BY SP</p>
PE fittings - Fabricated	<p>Updated Acceptance requirements:</p> <p>Supplier / Manufacturer: David Moss Corporation</p> <p>Trade Name: DAMOS Hi-Vis Fittings</p> <p><u>and</u></p> <p>Supplier / Manufacturer: Holman</p> <p>Trade Name: Holtech</p> <p>City of Gold Coast Acceptance Requirements NOT ACCEPTED BY SP</p>
PE fittings - Fabricated	<p>New Product added:</p> <p>Supplier / Manufacturer: Pipestar</p> <p>Trade Name: Pipestar</p> <p>Size Range: DN110 – DN315</p> <p>Specified Requirements/Minimum Class: Electrofusion fitting to be long type.</p> <p>PE MH connectors shall have Hydrophilic seals both sides of puddle flange.</p> <p>City of Gold Coast Acceptance Requirements NOT ACCEPTED BY SP</p> <p>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Redland City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Urban Utilities Acceptance Requirements: Only sweep bends accepted.</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p>
DI mechanical couplings - Non End Thrust Restraint	<p>Updated Supplier / Manufacturer Trade Name and Size Range:</p> <p>Supplier / Manufacturer: “Derwent” change to “Derwent Industries”</p> <p>Size Range: DN100 - DN250</p> <p><u>and</u></p> <p>Supplier / Manufacturer: Clover Pipelines</p> <p>Trade Name: Clover Connect VPC</p> <p>Size Range: DN100 to DN600</p>
DI mechanical couplings - Non End Thrust Restraint	<p>Updated Acceptance requirements:</p> <p>Supplier / Manufacturer: Clover Pipelines</p> <p>Trade Name: Clover Connect VPC</p> <p>Size Range: DN80 to DN375</p> <p>Logan City Council Acceptance Requirements: CLOVER GIBAULT NOT ACCEPTED BY SP</p>
New Product Category: Bonnetted knife gate valve - Stainless Steel	<p>New Product added:</p> <p>WSAA Product Specification No. with Service Provider Specific Requirements:</p> <p>266</p> <p>4.1 - PN1</p>

	<p>4.2 - Lugged</p> <p>4.3 - Clockwise closing, rising spindle (Note: This is a low pressure type gate valve, suitable only for sewer isolation etc.)</p> <p>Size Range: Up to DN600</p> <p>Specified Requirements/Minimum Class: Body stainless steel Grade 316. Bonnet stainless steel Grade 316. Gate stainless steel Grade 316. Gland Follower stainless steel Grade 304 or 316. Spindle stainless steel grade 304 or 316. Yoke/Pillar/Bridge stainless steel Grade 304 or 316. Seat EPDM, NBR, RTFE or Viton. All fasteners stainless steel Grade 316.</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Use is subject to acceptance by SP.</p> <p>Fabricated knife gate valve / penstock to comply with requirements of CoGC Supplementary Mechanical & Electrical Specification.</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP.</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
<p>Changed Product Category Name: Knife gate valve/penstock - Fabricated Stainless Steel</p>	<p>New Product details as follows: Changed WSAA Product Specification No. with Service Provider Specific Requirements: 266</p> <p>4.1 - PN1</p> <p>4.2 - Lugged</p> <p>4.3 - Clockwise closing, rising spindle Supplier / Manufacturer: Australian Water Engineers</p> <p>Trade Name: Australian Water Engineers</p> <p>Size Range: DN100 to DN1200</p> <p>Specified Requirements/Minimum Class: Frame, Gate, Stem, Torque Tube, Thrust Tube: stainless steel Grade 316, electropolished. Seat UHMWPE. Lift Nut aluminium bronze. All fasteners stainless steel Grade 316.</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP. Fabricated knife gate valve / penstock to comply with requirements of CoGC Supplementary mechanical & Electrical Specification.</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP.</p> <p>Unitywater Acceptance Requirements: Fabricated knife gate valve / penstock to comply with requirements of Unitywater Pr9693 – Specification</p>

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	for Mechanical Installation
Category: Sewerage Pipes and Fittings - Pressure	
DI pipe	<p>Update Specified Requirements/Minimum Class for the following Trade Names and Supplier / Manufacturers:</p> <p>Beaver-Jindal Australia/NZ Size Range: DN225 to DN750</p> <p>Clover Pipelines Clover/Xinxing</p> <p>Vinidex ZAP-GP</p> <p>Beaver / Iplex Irontite (XINAL400+ coating)</p> <p>Specified Requirements/Minimum Class: PN35 and Flange class CP or SR lining</p>
DI pipe	<p>Update Acceptance requirements:</p> <p>Supplier / Manufacturer: Cover Pipelines</p> <p>Trade Name: Clover/Xinxing</p> <p>Size Range: DN100 – DN750 (not 225)</p> <p>Unitywater Acceptance Requirements Use is subject to acceptance by SP</p>
DI pipe	<p>Update Acceptance requirements following Supplier / Manufacturers and Trade Names:</p> <p>Clover Pipelines Clover/Xinxing</p> <p>Vinidex ZAP-GP</p> <p>Beaver / Iplex Irontite (XINAL400+ coating)</p> <p>City of Gold Coast Council Acceptance Requirements: NOT ACCEPTED BY SP</p>
DI Pipe	<p>Update Acceptance requirements for the following Trade Names and Supplier / Manufacturers:</p> <p>Beaver / Iplex Irontite (XINAL400+ coating)</p> <p>Vinidex ZAP-HAC</p> <p>Saint-Gobain DIMAX/TYTONXTREME Z+</p> <p>Viadux DIMAX/TYTONXTREME Z+</p> <p>Clover Pipelines Clover/Xinxing</p> <p>City of Gold Coast Council Acceptance Requirements:</p> <p>“Cement Mortar lining of any type is not permitted within 5.0 meters of the HGL at pump stop. Alternative non-corrosive lining or pipe and fittings required.</p> <p>Coating shall be minimum 400g/m² Zn-Al alloy+ synthetic resin, or minimum 900µm polyurethane or approved equivalent.”</p>
DI Pipe	<p>New Trade Name:</p> <p>Supplier / Manufacturer: Viadux</p> <p>Trade Name: Change “PAM/TYTON Integral Zinalium” to “DIMAX/TYTONXTREME Z+”</p> <p><u>and</u></p> <p>Supplier / Manufacturer: Saint-Gobain</p>

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	Trade Name: Change “PAM/TYTON Integral Zinalium” to “DIMAX/TYTONXTREME Z+”
DI Pipe	<p>New Product added: Supplier / Manufacturer: Clover Pipelines Trade Name: Clover/Samsun Size Range: DN100 – DN300 Specified Requirements/Minimum Class: PN35 and Flange Class, CAC or HAC lining for corrosive flows City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Cement Mortar lining of any type is not permitted within 5.0 meters of the HGL at pump stop. Alternative non-corrosive lining or pipe and fittings required. Coating shall be minimum 400g/m2 Zn-Al alloy+ synthetic resin, or minimum 900µm polyurethane or approved equivalent Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP Unitywater Acceptance Requirements: Accepted for use</p>
DI Pipe	<p>New Product added: Supplier / Manufacturer: Reece/Viadux Trade Name: DIMAX/TYTON XCEED Z+ Size Range: DN100 – 750 Specified Requirements/Minimum Class: PN35 and Flange Class 400g/m2 Zn/Al+100µm epoxy or min 900 micron Polyurethane external coating Min 1300 micron Polyurethane internal lining City of Gold Coast Acceptance Requirements: Accepted for use Logan City Council Acceptance Requirements: Accepted for use Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Accepted in applications where DI pipe is specified e.g. building over sewer applications Unitywater Acceptance Requirements: Accepted for use</p>
DI Pipe	<p>New Product added: Supplier / Manufacturer: Beaver / Iplex Trade Name: Jindal SAW Size Range: DN100 – 750 Specified Requirements/Minimum Class: PN35 and Flange Class 400g/m2 Zn/Al+100µm epoxy or min 900 micron Polyurethane external coating Min 1300 micron Polyurethane internal lining</p>

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	<p>City of Gold Coast Acceptance Requirements: Accepted for use</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
DI pipe ISO	<p>Update Acceptance requirements:</p> <p>Supplier / Manufacturer: VonRoll / Reece</p> <p>Trade Name: Ducpur/ Ecopur</p> <p>City of Gold Coast Acceptance Requirements: Detector Tape for ISO Pipe spirally wound along pipe and over PE sleeve.</p>
DI fittings - bends, tapers, tees/branches, connectors, risers & caps/blank ends	<p>Update Acceptance requirements for the following product:</p> <p>Manufacturer/Supplier: Clover Pipelines</p> <p>Trade Name: Clover</p> <p>Size Range: DN80 to DN150</p> <p>Logan City Council acceptance requirements: Accepted for use.</p>
DI fittings - bends, tapers, tees/branches, connectors, risers & caps/blank ends	<p>Update Acceptance requirements:</p> <p>Supplier / Manufacturer: Clover Pipelines</p> <p>Trade Name: Clover</p> <p>Logan City Council Acceptance Requirements: Accepted for use</p>
316 SS repair and flanged off-take clamps	<p>Updated Specified Requirements / Minimum Class for all products as follows:</p> <p>Flanged off-take clamps approved Type R for DI, AC and CI host pipes and Type F for PVC-m, PVC-u only, to pipe manufacturers specifications.</p> <p>Host pipe to be of suitable condition.</p>
316 SS repair and flanged off-take clamps	<p>Update Acceptance requirements:</p> <p>Supplier / Manufacturer: Daemco</p> <p>Trade Name: Norma Connect</p> <p>Size Range: DN80 to DN300</p> <p>City of Gold Coast Acceptance Requirements: "Only repair clamps accepted. Type R and Type F repair clamps are available in sizes of DN80 (88-98), DN100 (121-130), DN150 (176-183), DN200 (231-238), DN225 (258-265), DN250 (285-290) and DN300 (344-353) – all other sizes are Type R only."</p> <p><u>and</u></p> <p>Supplier / Manufacturer: AVK</p> <p>Trade Name: AVK Series 748</p> <p>Size Range: Up to DN300</p> <p>City of Gold Coast Acceptance Requirements: "Only Type R offtake and repair clamps accepted. Offtake clamps accepted to be used where under pressure connection is approved by SP."</p> <p><u>and</u></p> <p>For all products in category:</p> <p>Unitywater Acceptance Requirements: Type R accepted only</p> <p>In acid sulphate soils the clamp must be Denso wrapped.</p>

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<p>New product category: Flange (DI) off-take clamps for DIOD pipes</p>	<p>Service Provider Specific Requirements: 313 4.1 - Type R, Type F or Type R and Type F by SP approval 4.2 - Pipe DN by SP approval 4.3 - Off-take DN by approval 4.4 - Min. PN16 New product added: Supplier / Manufacturer: Derwent Trade Name: Uniclamp Size Range: DN100 & DN150 Specified Requirements/Minimum Class: Flanged off-take clamps approved Type R for DI, AC and CI host pipes and Type F for PVC-m, PVC-u only, to pipe manufacturers specifications. Host pipe to be of suitable condition. City of Gold Coast Acceptance Requirements: Type R and Type F accepted. Accepted to be used where under pressure connection is approved by SP. Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Only DN100 flange offtake accepted Unitywater Acceptance Requirements: Accepted for use</p>
<p>Flange (DI) off-take clamps</p>	<p>Update Acceptance requirements: Supplier / Manufacturer: Hawle/Hygrade Water Trade Name: Haku and Supplier / Manufacturer: Derwent Trade Name: Uniclamp City of Gold Coast Acceptance Requirements: Accepted to be used where under pressure connection is approved by SP</p>
<p>DI mechanical couplings - Non End Thrust Restraint</p>	<p>Updated Supplier / Manufacturer Trade Name and Size Ranges: Supplier / Manufacturer: "Derwent" change to "Derwent Industries" Size Range: DN100 to DN250 and Supplier / Manufacturer: Clover Pipelines Trade Name: Clover Connect VPC Size Range: DN100 to DN600</p>
<p>DI mechanical couplings - Non End Thrust Restraint</p>	<p>Update Acceptance requirements: Supplier / Manufacturer: DEKS Trade Name: DEKS FLEXI-GIB Logan City Council Acceptance Requirements: Accepted for use and</p>

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	<p>Supplier / Manufacturer: Clover Pipelines Trade Name: Clover Connect VPC Logan City Council Acceptance Requirements: CLOVER GIBAULT NOT ACCEPTED BY SP</p>																		
DI mechanical fittings - End Thrust Restraint (Gripper Type)	<p>Update Acceptance requirements: Supplier / Manufacturer: Viking Johnson Trade Name: UltraGrip Size Range: DN100 - DN300 Unitywater Acceptance Requirements: Use is subject to acceptance by SP. Not approved for use in acid sulphate soils and saline coastal environments.</p>																		
PE pipe	<p>Update Specified Requirements/Minimum Class for all products in category: For directional drilling installations, minimum SDR 9 (PN20 PE100) unless specified otherwise and install with tracer wire. Pipe wall thickness to be designed for installation forces. Butt welded joints are mandatory for HDD construction where continuous pipes on coil are not available.</p>																		
PE pipe	<p>Update Size Range for the following Supplier / Manufacturer and Trade Names:</p> <table border="0"> <tr> <td>Iplex</td> <td>POLLplex</td> </tr> <tr> <td>Vinidex</td> <td>Sewertech</td> </tr> <tr> <td>David Moss Corporation</td> <td>DAMOS</td> </tr> <tr> <td>Poly Pipe</td> <td>SewerFlex</td> </tr> <tr> <td>Enviropipes</td> <td>Enviropressure</td> </tr> <tr> <td>Cromford</td> <td>Identipipe</td> </tr> <tr> <td>ACP</td> <td>ACP</td> </tr> <tr> <td>ASA</td> <td></td> </tr> <tr> <td>Agro</td> <td></td> </tr> </table> <p>New Size Range: DN40 50 63 90 125 180 250 315 355 450 560 630 800</p>	Iplex	POLLplex	Vinidex	Sewertech	David Moss Corporation	DAMOS	Poly Pipe	SewerFlex	Enviropipes	Enviropressure	Cromford	Identipipe	ACP	ACP	ASA		Agro	
Iplex	POLLplex																		
Vinidex	Sewertech																		
David Moss Corporation	DAMOS																		
Poly Pipe	SewerFlex																		
Enviropipes	Enviropressure																		
Cromford	Identipipe																		
ACP	ACP																		
ASA																			
Agro																			
PE pipe	<p>Update Acceptance requirements: Supplier / Manufacturer: ACP Trade Name: ACP Urban Utilities Acceptance Requirements: PE is preferred pipe material – PE shall be used unless specific site conditions dictate otherwise.</p>																		
PE Pipe	<p>Update Acceptance requirements: Supplier / Manufacturer: ASA City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP Urban Utilities Acceptance Requirements: NOT ACCEPTED BY SP Unitywater Acceptance Requirements: NOT ACCEPTED BY SP</p>																		
PE Pipe	<p>New Product added: Supplier / Manufacturer: Pipemakers Trade Name: Pipemakers Size Range: DN25 – DN800</p>																		

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	<p>Specified Requirements/Minimum Class: For directional drilling installations, minimum SDR 9 (PN20 PE100) unless specified otherwise and install with tracer wire.</p> <p>Pipe wall thickness to be designed for installation forces.</p> <p>Butt welded joints are mandatory for HDD construction where continuous pipes on coil are not available</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p> <p>Logan City Council Acceptance Requirements: Accepted for use</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: PE is preferred pipe material - PE shall be used unless specific site conditions dictate otherwise.</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
PE Pipe	<p>New Product added:</p> <p>Supplier / Manufacturer: Clover</p> <p>Trade Name: Clover/Rohr</p> <p>Size Range: DN16 - DN630</p> <p>Specified Requirements/Minimum Class: For directional drilling installations, minimum SDR 9 (PN20 PE100) unless specified otherwise and install with tracer wire.</p> <p>Pipe wall thickness to be designed for installation forces.</p> <p>Butt welded joints are mandatory for HDD construction where continuous pipes on coil are not available</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
PE fittings - Moulded	<p>New Product added:</p> <p>Supplier / Manufacturer: Guangdon Liansu / Crew Pipelines</p> <p>Trade Name: Lesso</p> <p>Size Range: DN63 – DN800</p> <p>Specified Requirements/Minimum Class: Electrofusion fitting to be long type. Stub flange may only to be used for DN450 and larger sizes.</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Only butt welded spigot fittings</p>

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	<p>accepted. Unitywater Acceptance Requirements: NOT ACCEPTED BY SP</p>
PE fittings - Fabricated	<p>New Product added: Supplier / Manufacturer: Pipestar Trade Name: Pipestar Size Range: Up to DN355 Specified Requirements/Minimum Class: Butt Welded Fittings Stub flange may only to be used for DN450 and larger sizes. City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Only sweep bends accepted. Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p>
Resilient seated gate valves, thermal bonded polymeric coating	<p>Updated Size Ranges for the following products: Manufacturer / Supplier: AVK Trade Name: Series 570 Size Range: Up to DN600 <u>and</u> Manufacturer / Supplier: Viadux Trade Name: Series 500 Size Range: Up to DN600 Trade Name: Auslite II Size Range: DN100 - DN300 Trade Name: Auslite III Size Range: Up to DN 600 <u>and</u> Manufacturer / Supplier: Reece Trade Name: DIMAX Size Ranges: DN80 – DN600 (FI-FI) DN100 – DN150 (Soc-Soc) DN100 – DN150 (Sp-Sp)</p>
Resilient seated gate valves, thermal bonded polymeric coating	<p>Update Acceptance requirements: Manufacturer/Supplier: Reece Trade Name: DIMAX Size range: DN80 – DN300 (FI-FI) DN100 – DN150 (Soc-Soc) DN100 – DN150 (Sp-Sp) Urban Utilities Acceptance Requirements: Accepted for use</p>

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Resilient seated gate valves, thermal bonded polymeric coating	Update Acceptance requirements: Manufacturer/Supplier: Betta Trade Name: BETTA Size range: DN80 - DN600 Unitywater Acceptance Requirements: Use of Betta valves with gripper/restraint joint is subject to acceptance in acid sulphate soils and saline coastal environmental locations
Valve extension spindles	New Product added: Manufacturer / Supplier: ANT Infrastructure Technologies Product name: ANT Size Range: Up to DN300 Urban Utilities Acceptance requirements: Accepted for use Acceptance requirements for all other utilities: Use is subject to acceptance by SP.
Flowmeter - Network Meter	Update Acceptance requirements: Supplier / Manufacturer: ABB Trade Name: ABB City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP.
Category: Sewerage Miscellaneous Items	
Maintenance structure covers, frames and risers	New Manufacturer / Supplier name: Change "Tellam" to "Civilmart"
Maintenance Chambers Polypropylene	Updated Specified Requirements/Minimum Class: Supplier / Manufacturer: Iplex Trade Name: EZIpit PA 09/01 Size Range: DN600 Specified Requirements/Minimum Class: Refer Standard Drawings Wavin Tegra 425 base + EZIpit riser
Maintenance Chambers Polypropylene	Updated Specified Requirements/Minimum Class: Supplier / Manufacturer: Iplex Trade Name: EZIpit PA 09/01 Size Range: DN600 Specified Requirements/Minimum Class: Refer Standard Drawings Wavin Tegra 425 base + EZIpit riser
Pre-cast Concrete Converter Top Slab	New Manufacturer / Supplier name: Change "Tellam" to "Civilmart"
Plastic Maintenance Holes	Updated Size Range for the following products: Supplier / Manufacturer: Smartstream Trade Name: Smart Pit Size Range: DN1050 <u>and</u>

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	<p>Supplier / Manufacturer: Rehau Trade Name: AWASHAFT Size Range: DN1000</p>
Plastic Maintenance Holes	<p>New Product added: Manufacturer / Supplier: Iplex Trade Name: Ezipit Size Range: DN1000 Specified Requirements/Minimum Class: Refer Standard drawings Max depth FSL to Invert of Pipe is 3.0 meters Urban Utilities Acceptance Requirements: NOT ACCEPTED BY SP All other Utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
Valve box and cover C.I. & D.I.	<p>New Manufacturer / Supplier name: Change "Tellam" to "Civilmart"</p>
Valve box and cover C.I. & D.I.	<p>New Product: Supplier / Manufacturer: Daemco Size Range: As per drawing SEQ-WAT-1305-1 Type B City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Accepted for use Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Accepted for use Unitywater Acceptance Requirements: Accepted for use</p>
Valve pit access cover and frame	<p>New Manufacturer / Supplier name: Change "Tellam" to "Civilmart"</p>
Valve pit access cover and frame	<p>New Products added: Manufacturer / Supplier: Ducast Specified Requirements/Minimum Class: Refer Standard Drawings SEQ-SPS-1602-1 and SEQ-SPS-1606-1 All Utilities Acceptance Requirements: Use is subject to acceptance by SP <u>and</u> Manufacturer / Supplier: Mass Products Specified Requirements/Minimum Class: Refer Standard Drawings SEQ-SPS-1602-1 and SEQ-SPS-1606-1 All Utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
Non-return valves - Swing check with counterweight lever arm	<p>Update Acceptance requirements: All Manufacturers and Suppliers. Logan City Council Acceptance Requirements: Not accepted by SP.</p>
Non-return valves - free acting (without counterweight) Swing	<p>Updated Size Range and Acceptance requirements: Supplier / Manufacturer: AVFI Pty Ltd Trade Name: AVFI – RSFC</p>

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Check	Size Range: DN80 – DN600 Unitywater Acceptance Requirements: NOT ACCEPTED BY SP
Non-return valves - free acting (without counterweight) Swing Check	Update Acceptance requirements: For the following Product Supplier / Manufacturer and Trade Names: Dobbie Dico Dobbie Dico AVK AVK Swing Check Valve 41/25 AVK AVK Swing Check Valve 41/8X Challenger Valves Challenger - RSSC Logan City Council Acceptance Requirements: Not accepted by SP. <u>and</u> HMA Valvecó Valmatic Swing-flex Logan City Council Acceptance Requirements: Accepted for use. <u>and</u> AVFI Pty Ltd AVFI - RSFC Logan City Council Acceptance Requirements: Use is subject to acceptance by SP
Category: Water Supply Pipes – Pressure	
DICL pipe	Category Name change: “DICL pipe” changed to “DI pipe”
DICL Pipe (DI Pipe)	Update Supplier / Manufacturer Trade Name and Size Range: Supplier / Manufacturer: “Beaver-Jindal Australia/NZ” to “Beaver / Iplex” Trade Name: Jindal SAW Size Range: DN100 to DN750 <u>and</u> Supplier / Manufacturer: “Beaver / Iplex” to “Xinxing / Iplex” Trade Name: Irontite (XINAL400+ coating)
DICL Pipe (DI pipe)	Supplier and New Trade Name and Size Range: Supplier / Manufacturer: Change “Viadux” to “Reece / Viadux” Trade Name: Change “PAM/TYTON Integral Zinalium” to “DIMAX/TYTONXCEL Z+” Size Range: DN100 to DN750 <u>and</u> Supplier / Manufacturer: “Beaver-Jindal Australia/NZ” to “Xinxing/Iplex” Trade Name: Jindal SAW Size Range: DN100 to DN750
DICL Pipe (DI pipe)	New Product added: Supplier / Manufacturer: Reece / Viadux Trade Name: DIMAX/TYTON XCEED Z+ Size Range: DN100 to DN750 Specified Requirements/Minimum Class: PN35 and Flange Class 400g/m2 Zn/Al+100µm epoxy or min 900 micron Polyurethane external

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	<p>coating</p> <p>Min 1300 micron Polyurethane internal lining</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p> <p>Logan City Council Acceptance Requirements: Seal coat on pipes ≥ 450</p> <p>Coating shall be minimum 400g/m² Zn-Al alloy +100μm synthetic resin, or minimum 900μm polyurethane or approved equivalent.</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Accepted where PE is unsuitable for reticulation mains. Accepted for mains > 300 NB.</p> <p>Seal coating required for all sizes. Unitywater Acceptance Requirements: Accepted for use</p>
<p>DICL Pipe (DI pipe)</p>	<p>New Product added:</p> <p>Supplier / Manufacturer: Clover Pipelines</p> <p>Trade Name: Clover/Samsun</p> <p>Size Range: DN100 – DN300</p> <p>Specified Requirements/Minimum Class: PN 35 and Flange Class, CP or SR lining</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Seal coat on pipes ≥ 450 ; Coating shall be minimum 400g/m² Zn-Al alloy + synthetic resin, or minimum 900μm polyurethane or approved equivalent</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
<p>DICL Pipe (DI pipe)</p>	<p>New Product added:</p> <p>Supplier / Manufacturer: Beaver / Iplex</p> <p>Trade Name: Jindal SAW</p> <p>Size Range: DN100 to DN750</p> <p>Specified Requirements/Minimum Class: PN 35 and Flange Class, CP or SR lining</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p>
<p>DICL Pipe (DI pipe)</p>	<p>Update Acceptance requirements for the following Trade Names and Supplier / Manufacturers:</p>

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	<p>Clover Pipelines Clover/Xinxing</p> <p>Beaver-Jindal Australia/NZ</p> <p>Beaver / Iplex Irontite (XINAL400+ coating)</p> <p>Vinidex ZAP-GP</p> <p>Saint-Gobain PAM/TYTON Hydroclass Zinalium</p> <p>Viadux DIMAX/TYTONXCEL Z+</p> <p>Clover Pipelines Clover/Xinxing (ZnAIRE400)</p> <p>Viadux DIMAX/TYTON XCEED Z+</p> <p>Logan City Council acceptance requirements: Seal coat on pipes >= 450 Coating shall be minimum 400g/m2 Zn-Al alloy + synthetic resin, or minimum 900µm polyurethane or approved equivalent.</p>
DI CL Pipe (DI pipe)	<p>Update Specified Requirements/Minimum Class for the following Trade Names and Supplier / Manufacturers:</p> <p>Clover Pipelines Clover/Xinxing</p> <p>Beaver-Jindal Australia/NZ</p> <p>Beaver (Xinxing)/ Iplex Irontite (XINAL400+ coating)</p> <p>Vinidex ZAP-GP</p> <p>Saint-Gobain DIMAX/TYTONXTREME Z+</p> <p>Viadux DIMAX/TYTONXTREME Z+</p> <p>Clover Pipelines Clover/Xinxing (ZnAIRE400)</p> <p>Specified Requirements/Minimum Class: PN 35 and Flange Class, CP or SR lining</p>
DI CL Pipe (DI pipe)	<p>Update Acceptance requirements for the following Trade Names and Supplier / Manufacturers:</p> <p>Beaver / Iplex Jindal SAW</p> <p>Beaver / Iplex Irontite (XINAL400+ coating)</p> <p>City of Gold Coast Acceptance Requirements: Seal coat on all pipe sizes Coating shall be minimum 400g/m2 Zn-Al alloy +100µm synthetic resin, or minimum 900µm polyurethane or approved equivalent.</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p>
DI CL Pipe (DI pipe)	<p>Update Specified Requirements and Size Range and acceptance as follows:</p> <p>Manufacturer / Supplier and Trade Name</p> <p>Reece / Viadux DIMAX/TYTON XCEED Z+</p> <p>Beaver / Iplex Jindal SAW</p> <p>Size Range: DN100 to DN750</p> <p>Specified Requirements / Minimum Class: PN35 and Flange Class 400g/m2 Zn/Al+100µm epoxy or min 900 micron Polyurethane external coating</p> <p>Min 1300 micron Polyurethane internal lining"</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p>
SCL pipe	<p>Updated Size Range:</p> <p>Manufacturer/Supplier: Pipe Lining and Coating</p>

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	<p>Trade Name: Fusionkote</p> <p>Size range amended to: OD168, 219, 257, 273, 324 to 3624</p>
PE pipe	<p>New Product added:</p> <p>Supplier / Manufacturer: Pipemakers</p> <p>Trade Name: Pipemakers</p> <p>Size Range: DN25 to DN800</p> <p>Specified Requirements/Minimum Class: PE100 PN16.</p> <p>Blue colour - solid or striped for drinking water.</p> <p>Purple colour - solid for non-drinking water.</p> <p>For directional drilling installations, minimum SDR 9 (PN20 PE100) unless specified otherwise and install with tracer wire. Pipe wall thickness to be designed for installation forces.</p> <p>Butt welded joints are mandatory for HDD construction where continuous pipes on coil are not available</p> <p>City of Gold Coast Acceptance Requirements:</p> <ol style="list-style-type: none"> 1 - Used as Water Service pipe at DN25 and larger 2 - Used as Drinking Water main at DN63 and DN110 in Dual Water Supply 3 - Used as A+ Non Drinking Water main for Cul-de-sac terminal end at DN63 in Dual Water Supply 4 - Used as Drinking Water main for Cul-de-sac terminal end at DN63 in traditional Drinking Water Reticulation <p>Logan City Council Acceptance Requirements: Approved for water services and water mains <= DN63 only. Other uses, or the use of larger diameters, are subject to acceptance Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: PE is preferred pipe material for reticulation mains in single and dual water supply systems - PE shall be used for reticulation mains unless specific site conditions dictate otherwise.</p> <p>Either solid or striped colours are permitted for single and/or dual water supply systems.</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
PE Pipe	<p>Update Acceptance requirements:</p> <p>Supplier / Manufacturer: ASA</p> <p>Trade Name: Blueline</p> <p>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Urban Utilities Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Unitywater Acceptance Requirements: NOT ACCEPTED BY SP</p>
PE Pipe	<p>Update Acceptance requirements:</p> <p>Supplier / Manufacturer: ASA</p> <p>City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP</p>
PE Pipe	<p>New Product added:</p>

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	<p>Supplier / Manufacturer: Clover Trade Name: Clover/Rohr Size Range: DN16 - DN630 Specified Requirements/Minimum Class: PE100 PN16. Blue colour - solid or striped for drinking water. Purple colour - solid for non-drinking water. For directional drilling installations, minimum SDR 9 (PN20 PE100) unless specified otherwise and install with tracer wire. Pipe wall thickness to be designed for installation forces. Butt welded joints are mandatory for HDD construction where continuous pipes on coil are not available</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP Unitywater Acceptance Requirements: Accepted for use</p>
Copper pipe	<p>New Manufacturer / Supplier name, Trade Name and Specified Requirements/Minimum Class: Supplier / Manufacturer: Change "Port Kembla Copper" to "MM Kembla" Trade Name: Kembla Specified Requirements/Minimum Class: Type A</p>
Stainless Steel Pipe	<p>Updated Size Range: Supplier / Manufacturer: ASSDA accredited fabricators Size Range: DN20 - DN750</p>
Category: Water Supply Fittings – Pressure	
Lightweight DI bends, tees/branches & connectors	<p>Update Acceptance requirements for the following product: Manufacturer/Supplier: Clover Pipelines Trade Name: Clover Size Range: DN100 to DN150 Logan City Council acceptance requirements: Accepted for use.</p>
DI bends, tapers, tees/branches, connectors, risers & caps/blank ends	<p>Update Acceptance requirements for the following product: Manufacturer/Supplier: Clover Pipelines Size Range: DN100 to DN150 Logan City Council acceptance requirements: Accepted for use.</p>
DI mechanical couplings - Non End Thrust Restraint	<p>Updated Trade Name and Size Range: Manufacturer / Supplier: Derwent Industries Trade name: Derwent</p>

	Size Range: DN100 to DN250
DI mechanical couplings - Non End Thrust Restraint	Updated Size Range and Acceptance requirements: Supplier / Manufacturer: Clover Pipelines Trade Name: Clover Connect VPC Size Range: DN100 to DN600 Logan City Council Acceptance Requirements: CLOVER GIBALT NOT ACCEPTED BY SP
DI mechanical couplings - Non End Thrust Restraint	Updated Size Range: Supplier / Manufacturer: Derwent Industries Size Range: DN100 to DN250
DI mechanical fittings - End Thrust Restraint (Gripper Type)	Update Acceptance requirements: Supplier / Manufacturer: Viking Johnson Trade Name: UltraGrip Size Range: DN100 - DN300 Unitywater Acceptance Requirements: Use is subject to acceptance by SP. Not approved for use in acid sulphate soils and saline coastal environments.
Pretapped connectors	Removal of WSAA Approval #246: 4.1 – Blue or Black for DW and Purple for NDW Manufacturer/Supplier: 4N Products & Stockbrands Trade Name: Supertap DN100 & 150
316 SS repair and flanged off-take clamps	Updated Specified Requirements / Minimum Class for all products as follows: Flanged off-take clamps approved Type R for DI, AC and CI host pipes and Type F for PVC-m, PVC-u only, to pipe manufacturers specifications. Host pipe to be of suitable condition.
316 SS repair and flanged off-take clamps	Update Acceptance requirements: Supplier / Manufacturer: Daemco Trade Name: Norma Connect Size Range: DN80 to DN300 City of Gold Coast Acceptance Requirements: "Only repair clamps accepted. Type R and Type F repair clamps are available in sizes of DN80 (88-98), DN100 (121-130), DN150 (176-183), DN200 (231-238), DN225 (258-265), DN250 (285-290) and DN300 (344-353) – all other sizes are Type R only." <u>and</u> Supplier / Manufacturer: AVK Trade Name: AVK Series 748 Size Range: Up to DN300 City of Gold Coast Acceptance Requirements: "Only Type R offtake and repair clamps accepted. Accepted to be used where under pressure connection is approved by SP." <u>and</u> Trade Name: Derwent Size Range: Up to DN300 City of Gold Coast Acceptance Requirements: "Only Type R repair clamps accepted."
316 SS repair and	Update Acceptance requirements:

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<p>flanged off-take clamps</p>	<p>Trade Name: Derwent Unitywater Acceptance Requirements: Accepted for use</p> <p>For the following Supplier / Manufacturer and Trade names:</p> <table border="0"> <tr> <td>Crevet</td> <td>Wang</td> </tr> <tr> <td>Viadux</td> <td>Wang</td> </tr> <tr> <td>Cascade Control</td> <td>Rapid Clamps</td> </tr> <tr> <td>Daemco</td> <td>Norma Connect</td> </tr> <tr> <td>AVK</td> <td>AVK Series 748</td> </tr> </table> <p>Unitywater Acceptance Requirements: "Type R accepted only In acid sulphate soils the clamp must be Denso wrapped."</p>	Crevet	Wang	Viadux	Wang	Cascade Control	Rapid Clamps	Daemco	Norma Connect	AVK	AVK Series 748
Crevet	Wang										
Viadux	Wang										
Cascade Control	Rapid Clamps										
Daemco	Norma Connect										
AVK	AVK Series 748										
<p>New product category: Flange (DI) off-take clamps for DIOD pipes</p>	<p>New Product Category and New Product: Service Provider Specific Requirements: 313</p> <p>4.1 - Type R, Type F or Type R and Type F by SP approval 4.2 - Pipe DN by SP approval 4.3 - Off-take DN by approval 4.4 - Min. PN16</p> <p>New product added: Supplier / Manufacturer: Derwent Trade Name: Uniclamp Size Range: DN100 & DN150</p> <p>Specified Requirements/Minimum Class: Flanged off-take clamps approved Type R for DI, AC and CI host pipes and Type F for PVC-m, PVC-u only, to pipe manufacturers specifications. Host pipe to be of suitable condition.</p> <p>City of Gold Coast Acceptance Requirements: Type R and Type F accepted. Accepted to be used where under pressure connection is approved by SP. Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Only DN100 flange offtake accepted Unitywater Acceptance Requirements: Accepted for use</p>										
<p>Flange DI off-take clamps</p>	<p>Update Acceptance requirements: Supplier / Manufacturer: Hawle/Hygrade Water Trade Name: Haku and Supplier / Manufacturer: Derwent Trade Name: Uniclamp</p> <p>City of Gold Coast Acceptance Requirements: Accepted to be used where under pressure connection is approved by SP</p>										

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<p>Resilient seated gate valves, thermal bonded polymeric coating</p>	<p>Updated Size Ranges for the following products: Manufacturer / Supplier: AVK Trade Name: Series 570 Size Range: Up to DN600 <u>and</u> Manufacturer / Supplier: Viadux Trade Name: Auslite III Size Range: Up to DN 600 <u>and</u> Manufacturer / Supplier: Reece Trade Name: DIMAX Size Ranges: DN80 – DN600 (FI-FI) DN100 – DN150 (Soc-Soc) DN100 – DN150 (Sp-Sp)</p>
<p>Resilient seated gate valves, thermal bonded polymeric coating</p>	<p>Update Acceptance requirements: Manufacturer/Supplier: Reece Trade Name: DIMAX Size range: DN80 – DN600 (FI-FI) DN100 – DN150 (Soc-Soc) DN100 – DN150 (Sp-Sp) Urban Utilities Acceptance Requirements: Accepted for use</p>
<p>Resilient seated gate valves, thermal bonded polymeric coating</p>	<p>Update Acceptance requirements: Manufacturer/Supplier: Betta Trade Name: BETTA Size range: DN80 - DN600 Unitywater Acceptance Requirements: Use of Betta valves with gripper/restraint joint is subject to acceptance in acid sulphate soils and saline coastal environmental locations</p>
<p>Valve box & cover C.I. or D.I.</p>	<p>New Manufacturer / Supplier name: Change "Tellam" to "Civilmart"</p>
<p>Valve box and cover C.I. & D.I.</p>	<p>New Product: Supplier / Manufacturer: Daemco Size Range: As per drawing SEQ-WAT-1305-1 Type B City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Accepted for use Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Accepted for us Unitywater Acceptance Requirements: Accepted for use</p>

Hydrant box & cover C.I. or D.I.	New Manufacturer / Supplier name: Change "Tellam" to "Civilmart"
Hydrant box and cover C.I. & D.I.	<p>New Products: Supplier / Manufacturer: Daemco Size Range: As per drawing SEQ-WAT-1305-1 Type B</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Accepted for use Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Accepted for use Unitywater Acceptance Requirements: Accepted for use</p>
Valve extension spindles	<p>New Product added: Manufacturer / Supplier: ANT Infrastructure Technologies Trade name: ANT Size Range: Up to DN300 Urban Utilities Acceptance requirements: Accepted for use Acceptance requirements for all other utilities: Use is subject to acceptance by SP.</p>
PE Fittings - Moulded (for mains and large service pipes)	<p>Update Acceptance requirements for the following product: Manufacturer/Supplier: Fusion Group / FusionPlast Trade Name: Fusamatic City of Gold Coast Acceptance Requirements: Long spigot fittings only accepted. Accepted where PE pipes are approved to be used</p>
PE fittings - Moulded	<p>New Product added: Supplier / Manufacturer: Guangdon Liansu / Crew Pipelines Trade Name: Lesso Size Range: DN63 – DN800 Specified Requirements/Minimum Class: Electrofusion fitting to be long type. Stub flange may only to be used for DN450 and larger sizes. City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Only butt welded spigot fittings accepted. Unitywater Acceptance Requirements: NOT ACCEPTED BY SP</p>

<p>PE fittings - Fabricated</p>	<p>New Product added: Supplier / Manufacturer: Pipestar Trade Name: Pipestar Size Range: Up to DN355 Specified Requirements/Minimum Class: Butt Welded Fittings Stub flange may only to be used for DN450 and larger sizes. City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Only sweep bends accepted. Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p>
<p>PE fittings - Fabricated</p>	<p>Update Acceptance requirements: Supplier / Manufacturer: Adroit Trade Name: Adroit Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p>
<p>New Product Category: Copper compression fittings</p>	<p>New Product Category and New Products: Service Provider Specific Requirements: No WASA PS New products added: Supplier / Manufacturer: Viega Trade Name: Propress Size Range: DN15 - DN100 Logan City Council Acceptance Requirements: Accepted for use All other utility Acceptance Requirements: Use is subject to acceptance by SP <u>and</u> Supplier / Manufacturer: MM Kembla Trade Name: KemPress All utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
<p>Non-return valves - Swing check with counterweight lever arm</p>	<p>Update Acceptance requirements: Supplier / Manufacturer: HMA Valveco Trade Name: Valmatic Swing-flex Logan City Council Acceptance Requirements: Accepted for use <u>and</u> For the following Supplier / Manufacturer and Trade Names: Dobbie Dico Dobbie Dico AVK AVK Swing Check Valve 41/25 AVK AVK Swing Check Valve 41/8X Challenger Valves Challenger - RSSC</p>

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	AVFI Pty Ltd AVFI - RSSC Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP.
Non-return valves - free acting (without counterweight) Swing Check	Updated Size Range: Supplier / Manufacturer: AVFI Pty Ltd Trade Name: AVFI – RSFC Size Range: DN80 – DN600
Non-return valves - free acting (without counterweight) Swing Check	Update Acceptance requirements for the following product: Manufacturer/Supplier: AVFI Pty Ltd Trade Name: AVFI - RSFC Size Range: DN50 - DN300 Unitywater Acceptance Requirements: NOT ACCEPTED BY SP
Non-return valves - free acting (without counterweight) Swing Check	Update Acceptance requirements: For the following Product Supplier / Manufacturer and Trade Names: Dobbie Dico Dobbie Dico AVK AVK Swing Check Valve 41/25 AVK AVK Swing Check Valve 41/8X Challenger Valves Challenger – RSSC AVFI Pty Ltd AVFI - RSFC Logan City Council Acceptance Requirements: Use is subject to acceptance by SP <u>and</u> HMA Valvecó Valmatic Swing-flex Logan City Council Acceptance Requirements: Accepted for use.
Flowmeter - Network Meter	Update Acceptance requirements for the following product: Manufacturer/Supplier: ABB Trade Name: ABB City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP
Category: Water Services	
Tapping bands for PE - mechanical	Update Acceptance requirements for the following product: Manufacturer/Supplier: Derwent Trade name: Uniclamp Redland City Council Acceptance Requirements: SP USE ONLY
Under pressure Tapping Valve for PE - mechanical	Update Acceptance requirements: Manufacturer/Supplier: Viega Trade Name: Geopress K Size range: DN 63 - DN180 Logan City Council Acceptance Requirements: Use is subject to acceptance by SP
Ball valves – Water Service	Update Acceptance requirements for the following product: Manufacturer/Supplier: All Valve

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	Trade name: Airaga Urban Utilities Acceptance Requirements: NOT ACCEPTED BY SP
Ball valves - Water Service	New accepted Manufacturer / Supplier name: Change "Cimberio/Strongcast" to "Strongcast"
PE mechanical compression fittings for Small Diameter Water Service pipes	Update Acceptance requirements for the following product: Manufacturer/Supplier: Viega Trade Name: Geopress K Size range: DN 25 – DN63 City of Gold Coast Acceptance Requirements: Accepted for use
Meters - 20 mm (direct and sub-metering applications)	Update Acceptance requirements for the following products: Manufacturer/Supplier: Elster Trade Name: V100 (PSM-T) (WM202PD) City of Gold Coast Acceptance Requirements: Horizontal and Vertical orientation Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP <u>and</u> Manufacturer/Supplier: Itron Trade Name: TD8 City of Gold Coast Acceptance Requirements: Horizontal and Vertical orientation <u>and</u> Manufacturer/Supplier: RMC Trade Name: WM281MRP multijet Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP <u>and</u> Manufacturer/Supplier: GVT Trade Name: TPWM Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP
Meters - 25 mm (direct and sub-metering applications)	Update Acceptance requirements for the following products: Manufacturer/Supplier: Elster Trade Name: V100 (PSM-T) (WM252PD) City of Gold Coast Acceptance Requirements: Horizontal and Vertical orientation Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP <u>and</u> Manufacturer/Supplier: Itron Trade Name: TD8 City of Gold Coast Acceptance Requirements: Horizontal and Vertical orientation
Meters - 32 mm (direct and sub-metering applications)	Update Acceptance requirements for the following product: Manufacturer/Supplier: Elster Trade Name: V100 (PSM-T) Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP
Meters - 40 mm (direct and sub-metering applications)	New Product added: Manufacturer / Supplier: Elster Product name: V200

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	<p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP.</p> <p>Logan City Council Acceptance Requirements: Accepted for use</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Unitywater Acceptance Requirements: Testable backflow prevention device required.</p>										
<p>Meters - 40 mm (direct and sub-metering applications)</p>	<p>Update Acceptance requirements for the following products:</p> <p>Manufacturer/Supplier: Elster Trade Name: V100 (PSM-T) City of Gold Coast Acceptance Requirements: Horizontal and Vertical orientation Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP <u>and</u></p> <p>Manufacturer/Supplier: Itron Trade Name: Flostar M Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP <u>and</u></p> <p>Manufacturer/Supplier: RMC Trade Name: WM400 / V100 (PSM-T) Logan City Council Acceptance Requirements: Accepted for use <u>and</u></p> <p>Manufacturer/Supplier: RMC Trade Name: WM400 / V100 (PSM-T) City of Gold Coast Acceptance Requirements: Horizontal and Vertical orientation</p>										
<p>Meters - 50 mm and larger (direct and sub-metering applications)</p>	<p>Update Acceptance requirements for the following products:</p> <table border="0"> <tr> <td>Manufacturer/Supplier:</td> <td>Trade Name:</td> </tr> <tr> <td>Elster</td> <td>H5000</td> </tr> <tr> <td>Itron</td> <td>Flostar M</td> </tr> <tr> <td>Itron</td> <td>Woltex</td> </tr> <tr> <td>Sensus</td> <td>Meistream</td> </tr> </table> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p>	Manufacturer/Supplier:	Trade Name:	Elster	H5000	Itron	Flostar M	Itron	Woltex	Sensus	Meistream
Manufacturer/Supplier:	Trade Name:										
Elster	H5000										
Itron	Flostar M										
Itron	Woltex										
Sensus	Meistream										
<p>Meters - 50 mm and larger (direct and sub-metering applications)</p>	<p>Update Acceptance requirements for the following product:</p> <p>Manufacturer/Supplier: Elster Trade Name: H4000 Woltmann City of Gold Coast Acceptance Requirements: Horizontal and Vertical orientation</p>										
<p>Flowmeters</p>	<p>Update Acceptance requirements for all products in the category as follows:</p> <p>City of Gold Coast Acceptance Requirements:</p> <p>Accepted are:</p> <p>1: Arad Octave Ultrasonic, Accuracy Class 2 R=500,</p>										

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	<p>either DI or SS body, Horizontal and Vertical orientation.</p> <p>2: Siemens Sitrans FM Mag 8000, Accuracy Class 2 R=400, DN100 & DN150 – Horizontal and Vertical orientation, DN200 and larger – Horizontal orientation only.</p>
Automatic Meter Reading (AMR) Systems (sub-metering applications)	Update Acceptance requirements for all products in the category as follows: Logan City Council Acceptance Requirements: Use is subject to acceptance by SP
Meter boxes	Update Acceptance requirements for all products in the category as follows: Logan City Council Acceptance Requirements: Blue Lid not permitted (SP use only)
Pre-assembled dual meter boxes	New Manufacturer / Supplier name: Change "Tellam" to "Civilmart"
Pre-assembled dual meter boxes	Update Acceptance requirements for the following products Manufacturer / Supplier and Trade Names: Elster RMC KIT235 WMKIT235 Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP <u>and</u> Manufacturer/Supplier: Civilmart Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP
Pre-assembled dual meter boxes <u>and</u> Pre-assembled single meter boxes	Update Product Category and Acceptance Requirements for the following product: Manufacturer/Supplier: All Valve Trade name: AVMB-2BSP/TD8 and AVMB-2PE/TD8 New Product Category: Pre-assembled single meter boxes City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: NOT ACCEPTED BY SP Unitywater Acceptance Requirements: Accepted for use
Pre-assembled single meter boxes	New Manufacturer / Supplier name: Change "Tellam" to "Civilmart"
Pre-assembled single meter boxes	Update Acceptance requirements for the following product: Manufacturer/Supplier: Civilmart Logan City Council Acceptance Requirements: Use is subject to acceptance

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	by SP
Sub-meter assemblies - wall mount brackets	New Manufacturer / Supplier name: Change "Tellam" to "Civilmart"
Sub-meter assemblies - wall mount brackets	New Trade Name: Manufacturer/Supplier: Austworld Trade name: "SMK" to "SMK telescopic SMK05"
Sub-meter assemblies - wall mount brackets	New product: Manufacturer/Supplier: Austworld Trade name: SMK06 Size range: DN25 All Utilities Acceptance Requirements: Use is subject to acceptance by SP
Sub-meter assemblies - wall mount brackets	Update Acceptance requirements for the following product: Manufacturer/Supplier: All Valve Trade name: SMA20M Logan City Council Acceptance Requirements: Accepted for use
Sub-meter assemblies - wall mount brackets	Update Acceptance requirements for the following products: Manufacturer/Supplier: Elster Trade Name: 46491-00 Size Range: DN20 <u>and</u> Manufacturer/Supplier: All Valve Trade Name: SMA20M Size Range: DN20 <u>and</u> Manufacturer/Supplier: RMC Trade Name: KIT227 Size Range: DN20 City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP
Sub-meter assemblies - wall mount brackets	Update Acceptance requirements for the following product: Manufacturer/Supplier: All Valve Trade Name: SMA20M Logan City Council Acceptance Requirements: Accepted for use
Category: Water Supply Miscellaneous Items	
Valve pit access cover and frame	New Manufacturer / Supplier name: Change "Tellam" to "Civilmart"
Valve pit access cover and frame	New product added: Manufacturer / Supplier: Ducast Specified Requirements/Minimum Class: Refer Standard Drawings SEQ-WAT-1307-3, SEQ-WAT-1308-1 and SEQ-WAT-1310-4 All Utilities Acceptance Requirements: Use is subject to acceptance by SP
Valve pit access cover	New Product:

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and frame	New Manufacturer / Supplier name: Mass Products Specified Requirements/Minimum Class: Refer Standard Drawings SEQ-WAT-1307-3, SEQ-WAT-1308-1 and SEQ-WAT-1310-4 All Utilities Acceptance Requirements: Use is subject to acceptance by SP
Valve pit access cover and frame	Update Acceptance requirements for the following product: All Manufacturer / Suppliers and products: Specified Requirements/Minimum Class: Refer Standard Drawings SEQ-WAT-1307-3, SEQ-WAT-1308-1 and SEQ-WAT-1310-4 Unitywater Acceptance Requirements: Use is subject to acceptance by SP
Category: Emergency Storage Chambers	

SEQ Accepted Mechanical IPAM List	
Document Structure Changes	
Products	Change
PUMPS	
ACTUATOR/ SOLENOID VALVES	
MISCELLANEOUS ITEMS	

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