

Trunk Infrastructure Investment Report

Reporting Period: April to June 2021 (Quarter 4, FY2020-21)

This report is provided in accordance with section 99BU(4)(a) of the *South-East Queensland Water (Distribution and Retail Restructuring) Act 2009*.

The purpose of this report is to provide an account of Unitywater's investment in prudent and efficient water supply and sewerage trunk infrastructure to serve existing and future populations in accordance with the planning assumptions and standards of service set-out in Unitywater's *Netserv Plan, Appendix B - Schedule of Works*.

Please direct any inquiries regarding this report to Development.Services@unitywater.com

Report Content

Report Column	Description of Contents
A1	Description of Trunk Infrastructure: Provides a description of the infrastructure, including the suburb or other locality in which it's situated.
A2	Location (Scheme Name): Identifies the water supply scheme or the sewerage catchment where the infrastructure is situated.
A3	Asset Type (Trunk Infrastructure Network): Identifies the trunk infrastructure network with which the infrastructure is associated.
A4	In Netserv Plan: Identifies whether the infrastructure is included within Unitywater's Netserv Plan.
A5	Netserv Plan Reference No.: The Netserv Plan reference number correlates to numbering of trunk infrastructure on plans of trunk infrastructure that can be accessed by clicking on the following link: https://unitywater.maps.arcgis.com/apps/webappviewer/index.html?id=5df6f0c04d68433b8e3d4f546ba6187a
A6	Quarterly Cost of Supplying Trunk Infrastructure: Identifies the amount Unitywater has expended on the trunk infrastructure item within the quarter. Where project costs do not relate to the trunk infrastructure component of the project, or have been incurred outside of the reported quarter, they have not been included in this column. <i>Note: this is not the total value of the infrastructure being provided, only the relevant costs incurred within the identified reporting period inclusive of corrections of expenditure; e.g., difference between accrued and actual expenditure, correction of any costs incorrectly allocated and write-off of costs for projects not proceeding. Such corrections are the reason for instances of any negative expenditure reported against a project for the reporting period.</i>
A7	Water Approval Ref. No. (if applicable): Identifies if the infrastructure was supplied under a water approval and, if so, the reference number of the approval.
A8	Infrastructure Agreement Name (if applicable): Identifies if the infrastructure is the subject of an infrastructure agreement and, if so, the name of the agreement.

Explanatory Notes

- [1] Developers fund the cost of delivery of trunk infrastructure under the provisions of the Queensland Government's Adopted Infrastructure Charges Regime or under the terms of water infrastructure agreements.
- [2] Under the provisions of the Queensland Government's Adopted Infrastructure Charges Regime, Unitywater must utilise infrastructure charges payments for delivery of trunk infrastructure and not for any other purpose. Further, infrastructure charges payments may be expended on trunk infrastructure augmentations in any part of Unitywater's service area irrespective of the source of infrastructure charges payments. For example, infrastructure charges payments levied by Unitywater for a development in Warner may be used to pay for augmentation of a trunk infrastructure in Margate. The reason for this is that the Adopted Infrastructure Charges Regime is a system of capped charges and the cost of trunk infrastructure augmentations in a specific water supply and/or sewerage scheme may be greater than the total infrastructure charges payments that may be levied from development in that scheme, whereas in another scheme, total infrastructure charges payments may be greater than the cost of augmenting trunk infrastructure. Hence, the Adopted Infrastructure Charges Regime is structured with the intent of providing sufficient funding for trunk infrastructure augmentations over the entirety of all water supply and sewerage schemes so that the service provider's customers do not subsidise the cost of infrastructure that will serve new development.

- [3] Trunk infrastructure to serve existing and future populations is delivered by:
- a) Developers in accordance with conditions of Connections Approvals and/or Water Infrastructure Agreements; and
 - b) Unitywater through its on-going capital works program.

Unitywater elects to provide infrastructure to serve planned and approved development in instances when it is in the interests of its customers, the broader community and the environment. For example, Unitywater upgrades sewage treatment plants to provide for growth due to the complexity and scale of such works. Hence, not all trunk infrastructure augmentations are associated with a specific Connections Approval or Water Infrastructure Agreement.

- [4] Unitywater's service area is divided into water supply and sewerage schemes that vary in size and complexity and in potential for growth. The trunk infrastructure in each water supply and sewerage scheme is upgraded periodically to provide requisite capacity and standards of service. Hence, investment in trunk infrastructure is not evenly spread across all water supply and sewerage schemes.

- [5] Unitywater's decision making about investment of infrastructure charges payments is informed by Network Master Plans for each water supply and sewerage scheme. The Network Master Plans are updated regularly and determine the configuration, timing and location of augmentations. Updates of the network master plans are informed by Unitywater's demand modelling and tracking processes which take into consideration; current development approvals, assessment of demand of existing development, future development that is permitted by planning schemes and population models prepared by the Queensland Government's Statisticians Office.

[A1] Description of Trunk Infrastructure	[A2] Location (Scheme Name)	[A3] Asset Type (Trunk Infrastructure Network)	[A4] In Netserv Plan	[A5] Netserv Plan Reference No.	[A6] Quarterly Cost of Supplying Trunk Infrastructure	[A7] Water Approval Ref No. (if applicable)	[A8] Infrastructure Agreement Name (if applicable)
Wamuran Irrigation Scheme	South Caboolture Recycled Water Supply Scheme	Recycled Water Main	No	N/A	\$ 2,136,712		N/A
Uhlmann Road BURPENGARY EAST STP Upgrade	Burpengary East STP Sewerage Catchment	Sewage Treatment Plant	Yes	BGE-STP-U-0006	\$ 1,000,301		N/A
Cribb Road BRENDALE STP Upgrade	Brendale Sewerage Catchment	Sewage Treatment Plant	Yes	BRD-STP-U-0004	\$ 651,415		N/A
AURA Bells Creek Arterial Road New SRM 710mm from SPS001 - Early Works	Kawana Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 561,989		Caloundra South Infrastructure Agreement (water and Wastewater Infrastructure) 12 December 2016
Regina Ave BRIBIE ISLAND New SPS-NSP018	Bribie Island Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 25,834		N/A
Weier Road CABOOLTURE South Caboolture STP Class A Recycled Water Supply	South Caboolture Sewerage Catchment	Sewer Miscellaneous	Yes	CAB-SMS-N-0009	\$ 1,335,273		N/A
Regent Street LAWNTON New Water Booster Pumping Station (WPS)	Pine Rivers South Water Supply Scheme	Water Pump Station	Yes	PRS-WPS-N-0001	\$ 248,124		N/A
KAWANA STP, K150 Augmentation	Kawana Sewerage Catchment	Sewage Treatment Plant	Yes	KAW-STP-U-0002	\$ 933,387		N/A
David Low Way Castaways Beach SPS SSB001 Upgrade Pumps	Noosa Sewerage Catchment	Sewage Pump Station	Yes	NOH-SPS-U-0008	\$ 5,637		N/A
Laidlaw Road WOOMBIE New PRV	Landershute Water Supply Scheme	Water Valve	Yes	LAN-WVA-N-0010	\$ 22,449		N/A
Oro Street BLI BLI SPS-BLI131 Upgrade	Maroochydore STP Sewerage Catchment	Sewage Pump Station	Yes	MAR-SPS-U-0019	\$ 300,618		N/A
Callistemon Court ROTHWELL Rothwell WPS-RED002 Upgrade	Redcliffe Water Supply Scheme	Water Pump Station	Yes	REW-WPS-U-0001	\$ 25,363		N/A
Goodwin Dr BONGAREE SPS BIS082 Upgrade Vac Pod Telemetry	Bribie Island Sewerage Catchment	Sewer Electrical Instrumentation & Controls	Yes	BRI-SEI-U-0002	\$ 241		N/A
First Avenue BONGAREE Bribie Island STP Blower Upgrade	Bribie Island Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 151,675		N/A
Brisbane Road MOOLOOLABA SPS MBA006 Upgrade	Maroochydore STP Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 147,065		N/A
Ardossan Road CABOOLTURE SPS-CAB058 SRM New 315mm PE100 133m to commission existing main	South Caboolture Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 275		N/A
Buchanan Road CABOOLTURE SGM Trunk Sewer 1350mm	South Caboolture Sewerage Catchment	Sewage Gravity Mains	No	N/A	\$ 4,979		N/A
AURA Bells Creek Arterial Road New SRM 710mm from SPS001 - Stage 1	Kawana Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 160,449		Caloundra South Infrastructure Agreement (water and Wastewater Infrastructure) 12 December 2016
AURA Hapgood Road Water Supply Connecting Main to Reservoir - Stage 1	Ewan Maddock Water Supply Scheme	Water Mains	Yes	EMD-WMN-N-0056	\$ 215,950		Caloundra South Infrastructure Agreement (water and Wastewater Infrastructure) 12 December 2016
Creek Road BURPENGARY SPS-NBA001 SRM Upgrade 500mm	Burpengary East STP Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 4,979		N/A
Sunshine Motorway MAROOCHYDORE SPS MRD017 Upgrade	Maroochydore STP Sewerage Catchment	Sewage Pump Station	Yes	MAR-SPS-U-0023	\$ 141,597		N/A
Currimundi Road CURRIMUNDI Sewage Pump Station CAL007 Upgrade	Kawana Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 150,333		N/A
AURA Beerwah State Forest New Reservoir - Stage 1	Ewan Maddock Water Supply Scheme	Water Reservoirs	Yes	EMD-WRS-N-0001	\$ 164,488		Caloundra South Infrastructure Agreement (water and Wastewater Infrastructure) 12 December 2016
Morningview Drive CABOOLTURE SRM Upgrade 225mmx737m (RFM)	South Caboolture Sewerage Catchment	Sewage Rising Main	Yes	CAB-SRM-U-0001	\$ 394,541		N/A
Boscoe Road NARANGBA WMN New 300mm FY2021 RFM	Pine Rivers South Water Supply Scheme	Water Mains	No	N/A	\$ 14,974		N/A
REGIONAL In-Pit PRV Modifications Upgrade	Multiple Water Supply Zones	Water Fitting	No	N/A	\$ 85,146		N/A
Duncombe Road NARANGBA WMN Inlet 600mm	Lowlands Water Supply Scheme	Water Mains	No	N/A	\$ 4,979		N/A
Forest Hills Drive MORAYFIELD WMN Outlet 750mm	Lowlands Water Supply Scheme	Water Mains	No	N/A	\$ 4,979		N/A
Bickle Road MURRUMBA DOWNS STP Upgrade Sodium Hypochlorite System	Murrumba Downs Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 62,589		N/A
Commercial Road MAROOCHYDORE STP Digester Expansion	Maroochydore STP Sewerage Catchment	Sewage Treatment Plant	Yes	MAR-STP-U-0012	\$ 3,301		N/A
AURA Bells Creek Arterial Road New SPS001 - Stage 1	Kawana Sewerage Catchment	Sewage Pump Station	Yes	KAW-SPS-N-0003	\$ 79,124		Caloundra South Infrastructure Agreement (water and Wastewater Infrastructure) 12 December 2016
Tanawha Road TANAWHA Water Reservoir New 8.5ML	Landershute Water Supply Scheme	Water Reservoirs	Yes	LAN-WRS-N-0006	\$ 121,375		N/A
Pacific Avenue SUNSHINE BEACH WMN New Re-zone	Lake McDonald Water Supply Scheme	Water Mains	No	N/A	\$ 677,042		N/A
Tanawha Road TANAWHA Water Mains New 500mm	Landershute Water Supply Scheme	Water Mains	Yes	LAN-WMN-N-0060	\$ 81,056		N/A
Neon Street DECEPTION BAY SPS-DBY006 Capacity Upgrade	Burpengary East STP Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 18,005		N/A
Hercules Road KIPPA RING SRM Upgrade SPS-RED128 450mm	Redcliffe Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 103		N/A
Pearsons Road COOROY SPS CRY020 Upgrade 15L/s	Cooroy Sewerage Catchment	Sewage Pump Station	Yes	CRY-SPS-U-0006	\$ 140,671		N/A
Stark Drive NARANGBA WPS New 110kW	Lowlands Water Supply Scheme	Water Pump Station	No	N/A	\$ 160,848		N/A
Mackie Road NERANGBA New SPS (Ultimate SPS)	Burpengary East STP Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 4,979		N/A
Sewer Rising Main Mackie Road, Narangba (200mm x 2240m)	Burpengary East STP Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 4,979		N/A
Bunya Road EVERTON HILLS WFM New Flow Meter	Pine Rivers South Water Supply Scheme	Water Meters	No	N/A	\$ 154		N/A
Grasstree Court SUNRISE BEACH SPS SSB019 Upgrade	Noosa Sewerage Catchment	Sewage Pump Station	Yes	NOH-SPS-U-0005	\$ 72,150		N/A
Ira Buckby Road CASHMERE WMN New 375mm	Pine Rivers South Water Supply Scheme	Water Mains	Yes	PRS-WMN-N-0011	\$ 12,521		N/A
Gardenia Street CLONTARF SMS New Air Valve	Redcliffe Sewerage Catchment	Sewer Miscellaneous	No	N/A	\$ 69,902		N/A
Jones Road BUDERIM WPS Risk Mitigation Works	Landershute Water Supply Scheme	Water Pump Station	No	N/A	\$ 130,021		N/A
Gympie Road LAWNTON WFM New Flow Meter and PRV	Pine Rivers North Water Supply Scheme	Water Meters	No	N/A	\$ 16,384		N/A
Creek Road BURPENGARY SPS-NBA001 Pump Upgrade	Burpengary East STP Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 4,979		N/A
Mumford Road NARANGBA SPS NBA003 Upgrade 16L/s at 76m	Burpengary East STP Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 4,979		N/A
Mumford Road NARANGBA SRM Upgrade 150mm	Burpengary East STP Sewerage Catchment	Sewage Rising Main	Yes	BGE-SRM-U-0004	\$ 5,532		N/A
Jacko Place NARANGBA Reservoir New 10ML	Lowlands Water Supply Scheme	Water Reservoirs	No	N/A	\$ 1,669,293		N/A
Steve Irwin Way, BEERBURRUM Water Reticulation Main	Landershute Water Supply Scheme	Water Mains	No	N/A	\$ 17,376		N/A
Samford Road SAMFORD Automatic Flushing Station	Pine Rivers South Water Supply Scheme	Water Mains	No	N/A	\$ 373		N/A
Moreton Downs Drive DECEPTION BAY SPS-DBY018 Capacity Upgrade	Burpengary East STP Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 22,691		N/A
Broadwater Avenue MAROOCHYDORE SPS-MRD001 Odour Control Upgrade	Maroochydore STP Sewerage Catchment	Sewer Miscellaneous	No	N/A	\$ 86,961		N/A
Coach Road West MORAYFIELD SPS-MOR010 SRM Upgrade 450mm	South Caboolture Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 174,551		N/A
Gardonia Place ALBANY CREEK WMN New 300mm	Pine Rivers South Water Supply Scheme	Water Mains	No	N/A	\$ 56,507		N/A
Grogan Road MORAYFIELD SGM Upgrade 675mm	South Caboolture Sewerage Catchment	Sewage Gravity Mains	No	N/A	\$ 88,218		N/A
Regent Street JOYNER WPS-JYR001 Upgrade Switchboard	Pine Rivers South Water Supply Scheme	Water Miscellaneous	No	N/A	\$ 218		N/A
Landsborough-Maleny Road LANDSBOROUGH Altitude Control Valve Upgrade	Landershute Water Supply Scheme	Water Valve	Yes	LAN-WVA-U-0003	\$ 18,837		N/A
REGIONAL Install Overflow Sensors	Multiple Sewerage Catchments	Sewer Miscellaneous	No	N/A	\$ 2,053		N/A
Steve Irwin Way BEERBURRUM WVA Relocate Control Valve	Landershute Water Supply Scheme	Water Valve	No	N/A	\$ 77		N/A
Castle Hill Drive MURRUMBA DOWNS DMA Separation	Pine Rivers North Water Supply Scheme	Water Meters	No	N/A	\$ 182,865		N/A
Blackall Terrace NAMBOUR New Flow Meter D/S PMA05	Image Flat Water Supply Scheme	Water Meters	Yes	IMF-WFM-N-0003	\$ 16,384		N/A
AURA Watermain Link between Precinct 2 and Racecourse Road	Ewan Maddock Water Supply Scheme	Water Mains	No	N/A	\$ 73,018		N/A
Piringa Street WURTULLA SPS-KAW053 Upgrade	Kawana Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 183,338		N/A
Oakey Flat Road MORAYFIELD HLZ WPS MOR001 Upgrade 15kW	Lowlands Water Supply Scheme	Water Pump Station	No	N/A	\$ 56,977		N/A
Chambers Road WOODFORD New Water Pumping	Uplands Water Supply Scheme	Water Miscellaneous	No	N/A	\$ 55,490		N/A
Mooloolah Connection Road Mooloolah WMN Upgrade 200mm	Landershute Water Supply Scheme	Water Mains	No	N/A	\$ 41,206		N/A
Bribie Island Road BRIBIE ISLAND New Duplicate Bribie Island trunk water main	Bribie Island Water Supply Scheme	Water Mains	Yes	BIW-WMN-N-0091	\$ 36,505		N/A
Captain Whish Ave MORAYFIELD SPS MOR015 Upgrade Pump	South Caboolture Sewerage Catchment	Sewage Pump Station	Yes	CAB-SPS-U-0012	\$ 217,174		N/A
Dux Street CABOOLTURE SPS CAB005 Upgrade 128L/s at 30m	South Caboolture Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 4,944		N/A
Weier Rd MORAYFIELD New Sth Cab STP Recycle Water Source Changeover	South Caboolture Recycled Water Supply Scheme	Recycled Water Miscellaneous	No	N/A	\$ 289		N/A
Perwillowen Road NAMBOUR 450mm TWM Scour Upgrade & relocation	Image Flat Water Supply Scheme	Water Mains	No	N/A	\$ 33,503		N/A
Savilles Road HIGHWORTH WPS Upgrade Pressure set-point control #MASTER BUNDLE 5#	Image Flat Water Supply Scheme	Water Pump Station	No	N/A	\$ 190,029		N/A
Isabella Avenue MAPLETON Upgrade Valves at RES-NAM007	Image Flat Water Supply Scheme	Water Reservoirs	No	N/A	\$ 118,549		N/A
Wilson Lane NAMBOUR New PRV	Image Flat Water Supply Scheme	Water Valve	No	N/A	\$ 9,230		N/A

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Alexandra Street KENILWORTH HLZ WPS Switchgear/SCADA Visibility Upgrade	Kenilworth Water Supply Scheme	Water Electrical instrumentation & Controls	No	N/A	\$ 59,893		N/A
Brisbane Road MOOLOOLABA New DMAs (Sub-DMAs) for DMA-CATHL (RFM)	Landershute Water Supply Scheme	Water Meters	No	N/A	\$ 397,321		N/A
Ngungun Street LANDSBOROUGH New WFM and Pressure Gauges	Landershute Water Supply Scheme	Water Meters	Yes	LAN-WFM-N-0005	\$ 262,443		N/A
Lakeview Lane MOOLOOLAH VALLEY WMN Distribution Reservoir Bypass (RFM)	Landershute Water Supply Scheme	Water Mains	Yes	LAN-WMN-U-0009	\$ 9,676		N/A
Pertaka Street BUDERIM WVA New Pressure Reduction Strategy (RFM)	Landershute Water Supply Scheme	Water Valve	Yes	LAN-WVA-N-0009	\$ 316,314		N/A
Bli Bli Road NAMBOUR STP Biosolids Hopper Chute Works	Nambour Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 54,198		N/A
Mossman Court NOOSA HEADS SPS NHD009 Upgrade Odour Monitoring	Noosa Sewerage Catchment	Sewer Miscellaneous	No	N/A	\$ 124,005		N/A
Juron Street NOOSAVILLE SPS NVL010 Upgrade Odour Control Unit	Noosa Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 257,863		N/A
Warra Lane CASHMERE WFS Upgrade Pump and Pipe	Pine Rivers North Water Supply Scheme	Water Miscellaneous	No	N/A	\$ 206,985		N/A
Minerva Court EATONS HILL Eatons Hill Tower WPS New Booster	Pine Rivers South Water Supply Scheme	Water Pump Station	Yes	PRS-WPS-N-0002	\$ 33,773		N/A
Gibbons Road Samford Valley WPS-SVY001 Upgrade	Pine Rivers South Water Supply Scheme	Water Pump Station	No	N/A	\$ 144,300		N/A
Kippa Street KIPPA RING SPS RED020 Upgrade	Redcliffe Sewerage Catchment	Sewage Pump Station	No	N/A	-\$ 303		N/A