



## Trunk Infrastructure Investment Report

### Reporting Period: October to December (Quarter 2, FY2022-2023)

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*.

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## Report Content

Report Column	Description of Contents
<b>A1</b>	<b>Description of Trunk Infrastructure:</b> Provides a description of the infrastructure, including the suburb or other locality in which it's situated.
<b>A2</b>	<b>Location (Scheme Name):</b> Identifies the water supply scheme or the sewerage catchment where the infrastructure is situated.
<b>A3</b>	<b>Asset Type (Trunk Infrastructure Network):</b> Identifies the trunk infrastructure network with which the infrastructure is associated.
<b>A4</b>	<b>In Netserv Plan:</b> Identifies whether the infrastructure is included within Unitywater's Netserv Plan.
<b>A5</b>	<b>Netserv Plan Reference No.:</b> 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:  <a href="https://unitywater.maps.arcgis.com/apps/webappviewer/index.html?id=5df6f0c04d68433b8e3d4f546ba6187a">https://unitywater.maps.arcgis.com/apps/webappviewer/index.html?id=5df6f0c04d68433b8e3d4f546ba6187a</a>
<b>A6</b>	<b>Quarterly Cost of Supplying Trunk Infrastructure:</b> 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>
<b>A7</b>	<b>Water Approval Ref. No. (if applicable):</b> Identifies if the infrastructure was supplied under a water approval and, if so, the reference number of the approval.
<b>A8</b>	<b>Infrastructure Agreement Name (if applicable):</b> 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 Unitywater's 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.

# Trunk Infrastructure Investment Report

(Q2 FY23) October to December 2022

[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	\$ 28,450,237		N/A
Uhlmann Road BURPENGARY EAST STP Upgrade	Burpengary East STP Sewerage Catchment	Sewage Treatment Plant	Yes	BGE-STP-U-0006	\$ 374,787		N/A
Cribb Road BRENDALE STP Upgrade	Brendale Sewerage Catchment	Sewage Treatment Plant	Yes	BRD-STP-U-0004	\$ 717,364		N/A
Regina Avenue BRIBIE ISLAND New SPS-NSP018	Bribie Island Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 433,493		N/A
KAWANA STP K150 Augmentation	Kawana Sewerage Catchment	Sewage Treatment Plant	Yes	KAW-STP-U-0002	\$ 226,225		N/A
David Low Way Castaways Beach SPS SSB001 Upgrade Pumps	Noosa Sewerage Catchment	Sewage Pump Station	Yes	NOH-SPS-U-0008	\$ 137,593		N/A
Laidlaw Road WOOMBIE New PRV	Landershute Water Supply Scheme	Water Valve	Yes	LAN-WVA-N-0010	\$ 913,848		N/A
Callistemon Court ROTHWELL Rothwell WPS-RED002 Upgrade	Redcliffe Water Supply Scheme	Water Pump Station	Yes	REW-WPS-U-0001	\$ 34,132		N/A
Goodwin Drive BONGAREE SPS BIS082 Upgrade Vac Pod Telemetry	Bribie Island Sewerage Catchment	Sewer Electrical Instrumentation & Controls	Yes	BRI-SEI-U-0002	\$ 52,213		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	\$ 159,939		N/A
Buchanan Road CABOOLTURE SGM Trunk Sewer 1350mm	South Caboolture Sewerage Catchment	Sewage Gravity Mains	No	N/A	\$ 179,779		N/A
Aura Bells Creek Arterial Road New SPS-LMT116 and New 710/900mm SRM - Stage 1	Kawana Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 351,644		Caloundra South Infrastructure Agreement (water and Wastewater Infrastructure) 12 December 2016
Aura Beerwah State Forest New 12ML Water Reservoir (RES-LBH005) and New 600mm Water Mains - Stage 1	Ewan Maddock Water Supply Scheme	Water Mains	Yes	EMD-WMN-N-0056	\$ 139,584		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	\$ 599,299		N/A
AURA Beerwah State Forest New Reservoir - Stage 1	Ewan Maddock Water Supply Scheme	Water Reservoirs	Yes	EMD-WRS-N-0001	\$ 57,371		Caloundra South Infrastructure Agreement (water and Wastewater Infrastructure) 12 December 2016
Duncombe Road NARANGBA WMN Inlet 600mm	Lowlands Water Supply Scheme	Water Mains	No	N/A	\$ 64,861		N/A
Forest Hills Drive MORAYFIELD WMN Outlet 750mm	Lowlands Water Supply Scheme	Water Mains	No	N/A	\$ 77,290		N/A
AURA Bells Creek Arterial Road New SPS001 - Stage 1	Kawana Sewerage Catchment	Sewage Pump Station	Yes	KAW-SPS-N-0003	\$ 82,420		Caloundra South Infrastructure Agreement (water and Wastewater Infrastructure) 12 December 2016
Tanawha Road TANAWHA Water Reservoir New	Landershute Water Supply Scheme	Water Reservoirs	Yes	LAN-WRS-N-0006	\$ 111,495		N/A
Tanawha Road TANAWHA New 12ML Water Reservoir (RES-TAN047) and New 500mm Water Mains	Landershute Water Supply Scheme	Water Mains	Yes	LAN-WMN-N-0060	\$ 86,797		N/A
Kippa-Ring Sewerage Upgrade	Redcliffe Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 91,668		N/A
Gympie Road LAWNTON WFM New Flow Meter and PRV	Pine Rivers North Water Supply Scheme	Water Meters	No	N/A	\$ 39,224		N/A
Mumford Road NARANGBA SPS NBA003 Upgrade	Burpengary East STP Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 1,659		N/A
Mumford Road NARANGBA SRM Upgrade 150mm	Burpengary East STP Sewerage Catchment	Sewage Rising Main	Yes	BGE-SRM-U-0004	\$ 31,834		N/A
Jacko Place NARANGBA Reservoir New 10ML	Lowlands Water Supply Scheme	Water Reservoirs	No	N/A	\$ 64,861		N/A
Steve Irwin Way, BEERBURRUM Water Reticulation Main	Landershute Water Supply Scheme	Water Mains	No	N/A	\$ 3,977		N/A
Moreton Downs Drive DECEPTION BAY SPS-DBY018 Capacity Upgrade	Burpengary East STP Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 33,880		N/A
Grogan Road Trunk Sewer SPS-MOR010 and Coach Road Rising Main	South Caboolture Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 143,074		N/A
Grogan Road MORAYFIELD SGM Upgrade 675mm	South Caboolture Sewerage Catchment	Sewage Gravity Mains	No	N/A	\$ 18,533		N/A
Landsborough-Maleny Road LANDSBOROUGH Altitude Control Valve Upgrade	Landershute Water Supply Scheme	Water Valve	Yes	LAN-WVA-U-0003	\$ 274,206		N/A
Steve Irwin Way BEERBURRUM WVA Relocate Control Valve	Landershute Water Supply Scheme	Water Valve	No	N/A	\$ 3,110		N/A
Blackall Terrace NAMBOUR New Flow Meter D/S PMA05	Image Flat Water Supply Scheme	Water Meters	Yes	IMF-WFM-N-0003	\$ 200,059		N/A
Oakey Flat Road MORAYFIELD HLZ WPS MOR001 Upgrade 15kW	Lowlands Water Supply Scheme	Water Pump Station	No	N/A	\$ 5,197		N/A
Chambers Road WOODFORD New Water Pumping Station	Uplands Water Supply Scheme	Water Miscellaneous	No	N/A	\$ 2,513		N/A
Mooloolah Connection Road MOOLOOLAH WMN 200mm Security of Supply	Landershute Water Supply Scheme	Water Mains	No	N/A	\$ 3,330		N/A
Helm Crescent WURTULLA SRM New 100mm Connection	Kawana Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 23,483		N/A
Marsh Road COOLUM STP Upgrade	Coolum Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 481,686		N/A
Mahogany Drive MARCUS BEACH SPS-MPG012 Vac Pod Telemetry Upgrade	Noosa Sewerage Catchment	Sewer Electrical Instrumentation & Controls	Yes	NOH-SEI-U-0002	\$ 40,273		N/A
Eenie Creek Road NOOSAVILLE SPS-NVL037 Vac Pod Telemetry Upgrade	Noosa Sewerage Catchment	Sewer Electrical Instrumentation & Controls	Yes	NOH-SEI-U-0001	\$ 20,388		N/A
Kenilworth-Brooloo Road KENILWORTH STP Effluent Management Upgrade	Kenilworth Sewerage Catchment	Sewage Treatment Plant	Yes	KEN-STP-U-0002	\$ 141,904		N/A
Premier Circuit KAWANA STP Upgrade - Outfall Diffuser Augmentation	Kawana Sewerage Catchment	Sewage Treatment Plant	Yes	KAW-STP-U-0012	\$ 151,479		N/A
Beaufort Street STRATHPINE SPS MDN165 Upgrade Emergency Storage (432kL)	Murrumba Downs Sewerage Catchment	Sewer Emergency Storage	Yes	MDW-SES-U-0006	\$ 47,636		N/A
Cinnamon Avenue COOLUM BEACH SPS CLM082 Pipe and Pump Upgrade	Coolum Sewerage Catchment	Sewage Pump Station		N/A	\$ 17,840		N/A
Snowdrop Avenue CURRIMUNDI SPS-CKS005 Upgrade Odour Control Unil	Kawana Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 18,013		N/A
REDCLIFFE STP Sewage outfall - replacement	Redcliffe Sewerage Catchment	Sewage Treatment Plant	Yes	RED-STP-U-0004	\$ 12,857		N/A
Bribie Island Road NINGI SPS-NSP007 Ningi vacuum sewerage system upgrade	Bribie Island Sewerage Catchment	Sewer Miscellaneous	No	N/A	\$ 80,294		N/A
Whitcross Road BLI BLI HLZ WPS Upgrade Pressure set-point control	Image Flat Water Supply Scheme	Water Pump Station	No	N/A	\$ 11,435		N/A
Kelly Street NARANGBA SGM Upgrade 300mm	Burpengary East STP Sewerage Catchment	Sewage Gravity Mains	Yes	BGE-SGM-U-0001	\$ 18,036		N/A
PINE RIVERS SOUTH Water Quality Disinfection Improvement Project	Pine Rivers South Water Supply Scheme	Water Mains		N/A	\$ 11,889		N/A
Albany Creek Low Level Reservoir Upgrade Pump and Chlorine Analyser	Pine Rivers South Water Supply Scheme	Water Reservoirs	No	N/A	\$ 23,649		N/A
AURA Watermain Link between Precinct 2 and Racecourse Road	Ewan Maddock Water Supply Scheme	Water Mains	No	N/A	\$ 3,683		N/A
Integrate Chlorine Emergency Shutdown Systems into SCADA	Information Communication Technology A	Information Communication Technology A		N/A	\$ 4,226		N/A
SOUTH CABOOLTURE STP Upgrade NEW STP STRATEGY	South Caboolture Sewerage Catchment	Sewage Treatment Plant	Yes	CAB-STP-U-0005	\$ 35,966		N/A
AURA - Upgrade of Phase 1 Sewerage Connection	Kawana Sewerage Catchment	Sewage Pump Station	Yes	KAW-SPS-U-0059	\$ 4,265		N/A
Kawana STP Upgrade (Future Stage) - K300	Kawana Sewerage Catchment	Sewage Treatment Plant		N/A	\$ 58,302		N/A
Gympie St LANDSBOROUGH SPS LBH002 Upgrade	Landsborough Sewerage Catchment	Sewage Pump Station	Yes	LNB-SPS-U-0001	\$ 3,571		N/A
White Gums Street LANDSBOROUGH SPS LBH001 Upgrade Pump	Landsborough Sewerage Catchment	Sewage Pump Station	Yes	LNB-SPS-U-0004	\$ 2,950		N/A
Whitcedar Circuit NORTH LAKES SPS-MDN181 Pressure Transient Mitigation	Murrumba Downs Sewerage Catchment	Sewage Pump Station		N/A	\$ 4,945		N/A
REGIONAL FY2022-23 SCADA Control of SPSs at STPs	Multiple Sewerage Catchments	Sewer SCADA		N/A	\$ 1,611		N/A
REGIONAL Pressure Monitoring PRV Zones	Multiple Water Supply Zones	Water Electrical instrumentation & Controls		N/A	\$ 18,685		N/A
Noosa Parade NOOSA HEADS SPS NHD010 Upgrade SGM 225mm	Noosa Sewerage Catchment	Sewage Gravity Mains		N/A	\$ 989		N/A
Callistemon Court ROTHWELL WPS-RED002 New Generator	Redcliffe Water Supply Scheme	Water Pump Station		N/A	\$ 16,400		N/A
Dobson Lane UPPER CABOOLTURE Land Acquisition for SRM New	South Caboolture Sewerage Catchment	Sewage Rising Main		N/A	\$ 3,251		N/A
Eccles Boulevard BIRTINYA New Connection and 2 Valves	Landershute Water Supply Scheme	Water Valve		N/A	\$ 3,056		N/A
REGIONAL WFT New data logger installed 4 locations	Multiple Water Supply Zones	Water Fitting		N/A	\$ 96,086		N/A
Ridges Boulevard, PEREGIAN SPRINGS Water Trunk Main	Image Flat Water Supply Scheme	Water Mains		N/A	\$ 2,005,087		N/A
Landsborough STP Upgrade	Kawana Sewerage Catchment	Sewage Rising Main	Yes	KAW-SRM-N-0028	\$ 64,995		N/A
Caboolture West Water and Sewer Network Infrastructure	South Caboolture Sewerage Catchment	Sewer Miscellaneous		N/A	\$ 430,539		N/A
Connection Road LANDSBOROUGH Ewan Maddock WTP Scada	Ewan Maddock Water Supply Scheme	Water Electrical instrumentation & Controls		N/A	\$ 2,454		N/A
Yarawah Street COES CREEK WFM Upgrade	Image Flat Water Supply Scheme	Water Meters		N/A	\$ 725		N/A
Main Drive WARANA STP-KAW001 PLST Sludge Monitoring Improvements	Kawana Sewerage Catchment	Sewage Treatment Plant		N/A	\$ 848		N/A
Coolum and Noosa STPs New Biosolids Outloading Facilities	Noosa Sewerage Catchment	Sewage Treatment Plant		N/A	\$ 348,257		N/A
					\$ 38,379,246		