



## Trunk Infrastructure Investment Report

### Reporting Period: April to June (Quarter 4, FY2023-24)

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

(Q4 FY24) April to June 2024

[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	\$ 6,530,334		N/A
Uhlmann Road BURPENGARY EAST STP Upgrade	Burpengary East STP Sewerage Catchment	Sewage Treatment Plant	Yes	BGE-STP-U-0006	\$ 10,255,689		N/A
Cribb Road BRENDALE STP Upgrade	Brendale Sewerage Catchment	Sewage Treatment Plant	Yes	BRD-STP-U-0004	\$ 398,139		N/A
KAWANA STP K150 Augmentation	Kawana Sewerage Catchment	Sewage Treatment Plant	Yes	KAW-STP-U-0002	\$ 188,002		N/A
David Low Way Castaways Beach SPS SSB001 Upgrade Pumps	Noosa Sewerage Catchment	Sewage Pump Station	Yes	NOH-SPS-U-0008	\$ 730,322		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	\$ 181,463		N/A
Buchanan Road CABOOLTURE SGM Trunk Sewer 1350mm	South Caboolture Sewerage Catchment	Sewage Gravity Mains	No	N/A	\$ 1,135		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	\$ 22,751,093		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	\$ 20,705,781		Caloundra South Infrastructure Agreement (water and Wastewater Infrastructure) 12 December 2016
Creek Road BURPENGARY SPS-NBA001 SRM Upgrade OD800/900mm	Burpengary East STP Sewerage Catchment	Sewage Rising Main	No	N/A	-\$ 5,391		N/A
Duncombe Road NARANGBA WMN Inlet 600mm	Lowlands Water Supply Scheme	Water Mains	No	N/A	\$ 88,621		N/A
Forest Hills Drive MORAYFIELD WMN Outlet 750mm	Lowlands Water Supply Scheme	Water Mains	No	N/A	\$ 399,734		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	\$ 7,873,721		N/A
Kippa-Ring Sewerage Upgrade	Redcliffe Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 44,386		N/A
Mackie Road NERANGBA New SPS (Ultimate SPS)	Burpengary East STP Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 6,199		N/A
Sewer Rising Main Mackie Road, Narangba (OD500mm x 4800m)	Burpengary East STP Sewerage Catchment	Sewage Rising Main	No	N/A	-\$ 2,968		N/A
Creek Road BURPENGARY SPS-NBA001 Pump Upgrade	Burpengary East STP Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 10,013		N/A
Mumford Road NARANGBA SPS NBA003 Upgrade	Burpengary East STP Sewerage Catchment	Sewage Pump Station	No	N/A	-\$ 63,130		N/A
Mumford Road NARANGBA SRM Upgrade OD315mm	Burpengary East STP Sewerage Catchment	Sewage Rising Main	Yes	BGE-SRM-U-0004	\$ 45,729		N/A
Jacko Place NARANGBA Reservoir New 10ML	Lowlands Water Supply Scheme	Water Reservoirs	No	N/A	\$ 78,558		N/A
Grogan Road Trunk Sewer SPS-MOR010 and Coach Road Rising Main	South Caboolture Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 112,312		N/A
Landsborough-Maleny Road LANDBOROUGH Altitude Control Valve Upgrade	Landershute Water Supply Scheme	Water Valve	Yes	LAN-WVA-U-0003	-\$ 266		N/A
Chambers Road WOODFORD New Water Pumping Station	Uplands Water Supply Scheme	Water Miscellaneous	No	N/A	\$ 454,265		N/A
Marsh Road COOLUM STP Upgrade	Coolum Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 258,734		N/A
Kenilworth-Brooloo Road KENILWORTH STP Effluent Management Upgrade	Kenilworth Sewerage Catchment	Sewage Treatment Plant	Yes	KEN-STP-U-0002	\$ 67,205		N/A
Premier Circuit KAWANA STP Upgrade - Outfall Diffuser Augmentation	Kawana Sewerage Catchment	Sewage Treatment Plant	Yes	KAW-STP-U-0012	\$ 51,999		N/A
Beaufort Street STRATHPINE SPS MDN165 Upgrade Emergency Storage (432kL)	Murrumba Downs Sewerage Catchment	Sewer Emergency Storage	Yes	MDW-SES-U-0006	\$ 9,082		N/A
Commercial Road MAROOCHYDORE STP Digester Expansion	Maroochy STP Sewerage Catchment	Sewage Treatment Plant	Yes	MAR-STP-U-0012	\$ 16,883		N/A
Uhlmann Road BURPENGARY EAST STP Outfall Upgrade	Burpengary East STP Sewerage Catchment	Sewage Treatment Plant	Yes	BGE-STP-U-0007	\$ 185,519		N/A
REDCLIFFE STP Sewage outfall - replacement	Redcliffe Sewerage Catchment	Sewage Treatment Plant	Yes	RED-STP-U-0004	\$ 417,307		N/A
Bribie Island Road NINGI SPS-NSP007 Ningi vacuum sewerage system upgrade	Bribie Island Sewerage Catchment	Sewer Miscellaneous	No	N/A	\$ 6,227		N/A
Kelly Street NARANGBA SGM Upgrade 300mm	Burpengary East STP Sewerage Catchment	Sewage Gravity Mains	Yes	BGE-SGM-U-0001	\$ 28,947		N/A
PINE RIVERS SOUTH Water Quality Disinfection Improvement Project	Pine Rivers South Water Supply Scheme	Water Mains	No	N/A	\$ 235,845		N/A
Maroochy Road KUNDA PARK SPS KUN052 Upgrade	Maroochy STP Sewerage Catchment	Sewage Pump Station	Yes	MAR-SPS-U-0021	\$ 148,713		N/A
Maroochy River Resort Bli Bli SPS BLI030 New Overflow Management Structure	Maroochy STP Sewerage Catchment	Sewer Miscellaneous	No	N/A	\$ 186		N/A
SOUTH CABOOLTURE STP Upgrade NEW STP STRATEGY	South Caboolture Sewerage Catchment	Sewage Treatment Plant	Yes	CAB-STP-U-0005	\$ 640,393		N/A
Kawana STP Upgrade (Future Stage) - K300	Kawana Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 353,762		N/A
Gympie St LANDBOROUGH SPS LBH002 Upgrade	Landsborough Sewerage Catchment	Sewage Pump Station	Yes	LNB-SPS-U-0001	\$ 122,511		N/A
White Gums Street LANDBOROUGH SPS LBH001 Upgrade Pump	Landsborough Sewerage Catchment	Sewage Pump Station	Yes	LNB-SPS-U-0004	\$ 591,124		N/A
Whitecedar Circuit NORTH LAKES SPS-MDN181 Pressure Transient Mitigation	Murrumba Downs Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 574		N/A
REGIONAL FY2022-23 SCADA Control of SPSs at STPs	Multiple Sewerage Catchments	Sewer SCADA	No	N/A	\$ 1,955		N/A
REGIONAL Pressure Monitoring PRV Zones	Multiple Water Supply Zones	Water Electrical instrumentation & Controls	No	N/A	\$ 143		N/A
Noosa Parade NOOSA HEADS SPS NHD010 Upgrade SGM 225mm	Noosa Sewerage Catchment	Sewage Gravity Mains	No	N/A	\$ 115		N/A
WOODFORD STP Upgrade - Future Stage	Woodford Sewerage Catchment	Sewage Treatment Plant	Yes	WFD-STP-U-0002	\$ 132,133		N/A
Peter Street STRATHPINE SPS MDN162 Upgrade	Murrumba Downs Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 57,945		N/A
Ridges Boulevard, PEREGIAN SPRINGS Water Trunk Main	Image Flat Water Supply Scheme	Water Mains	No	N/A	\$ 1,605,447		N/A
Landsborough STP Upgrade	Kawana Sewerage Catchment	Sewage Rising Main	Yes	KAW-SRM-N-0028	\$ 995		N/A
Caboolture West Water and Sewer Network Infrastructure	South Caboolture Sewerage Catchment	Sewer Miscellaneous	No	N/A	\$ 2,056,348		N/A
Raise Flooded Switchboards SPS EUM148 Eumundi	Nambour Sewerage Catchment	Sewage Pump Station	No	N/A	-\$ 904		N/A
Connection Road LANDBOROUGH Ewen Maddock WTP Scada	Ewan Maddock Water Supply Scheme	Water Electrical instrumentation & Controls	No	N/A	\$ 654		N/A
Wallum Lane NOOSA HEADS STP-NHD001 and STP-RED001 New Generator	Noosa Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 1,160,276		N/A
Adsett Road MORAYFIELD SM New 250mm	Burpengary East STP Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 53,690		N/A
Thomas Crescent NAMBOUR Sewage Pump Station NAM156 New	Nambour Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 335		N/A
Main Drive WARANA STP-KAW001 PLST Sludge Monitoring Improvements	Kawana Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 717		N/A
Camelia Avenue EVERTON PARK SFM-KED303 Upgrade Raise Flooded Switchboard	Kedron Brook Sewerage Catchment	Sewage Pump Station	No	N/A	\$ 42,665		N/A
Caboolture West NDP1 Developer Works	South Caboolture Sewerage Catchment	Sewer Miscellaneous	No	N/A	\$ 1,787,503		N/A
REGIONAL STP Auto-Sampler Installation New	Multiple Sewerage Catchments	Sewage Treatment Plant	No	N/A	\$ 223,361		N/A
Main Drive KAWANA STP-KAW001 PLST Maintenance and Cleaning Improvements	Kawana Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 55,821		N/A
Bli Bli Road NAMBOUR Nambour STP Quantum PLC System Upgrade	Nambour Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 86,839		N/A
Multiple Locations WCT RSDOP PH Dosing Upgrade	Pine Rivers South Water Supply Scheme	Water Chemical Treatment	No	N/A	\$ 35,844		N/A
Esplanade GOLDEN BEACH Upgrade Rising Main	Kawana Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 4,426		N/A
Forgan Rd JOYNER WVA Valve & Logger New	Pine Rivers North Water Supply Scheme	Water Valve	No	N/A	\$ 430		N/A
Petersen Road MORAYFIELD SRM 710mm New	South Caboolture Sewerage Catchment	Sewage Rising Main	No	N/A	\$ 20,414		N/A
Forestry Road LANDBOROUGH STP-LBH001 Enabling Works New	Landsborough Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 12,165		N/A
Bickle Road MURRUMBA DOWNS - STP-MDN001 - New Laundry Spray System in Clarifiers 1 and 2	Murrumba Downs Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 1,879		N/A
Taylor Avenue GOLDEN BEACH SGM Connection Renewal 375mm - Emergency Works	Kawana Sewerage Catchment	Sewage Gravity Mains	No	N/A	\$ 158,192		N/A
Wallum Lane NOOSA HEADS STP-NHD001 Main Switchboard Room Cooling System Upgrade	Noosa Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 45,530		N/A
Duffield Road REDCLIFFE STP-RED001 Screw Wash Press Renewal	Redcliffe Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 4,477		N/A
Cribb Road BRENDALE STP-BRN001 Portable Dosing Unit New	Brendale Sewerage Catchment	Sewage Treatment Plant	No	N/A	\$ 92,362		N/A
					\$ 81,560,488		