

Trunk Infrastructure Investment Report

Reporting Period: July to September (Quarter 1, FY2022-23)

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 inquires 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 | \$ 19,399,103 | | N/A |
| Uhlmann Road BURPENGARY EAST STP Upgrade | Burpengary East STP Sewerage Catchment | Sewage Treatment Plant | Yes | BGE-STP-U-0006 | \$ 974,079 | | N/A |
| Cribb Road BRENDALE STP Upgrade | Brendale Sewerage Catchment | Sewage Treatment Plant | Yes | BRD-STP-U-0004 | \$ 625,412 | | N/A |
| Regina Avenue BRIBIE ISLAND New SPS-NSP018 | Bribie Island Sewerage Catchment | Sewage Pump Station | No | N/A | \$ 225,914 | | N/A |
| KAWANA STP K150 Augmentation | Kawana Sewerage Catchment | Sewage Treatment Plant | Yes | KAW-STP-U-0002 | \$ 559,734 | | N/A |
| David Low Way Castaways Beach SPS SSB001 Upgrade Pumps | Noosa Sewerage Catchment | Sewage Pump Station | Yes | NOH-SPS-U-0008 | \$ 644,995 | | N/A |
| Laidlaw Road WOOMBIE New PRV | Landershute Water Supply Scheme | Water Valve | Yes | LAN-WVA-N-0010 | \$ 1,397,032 | | N/A |
| Oro Street BLI BLI SPS-BLI131 Upgrade | Maroochydore STP Sewerage Catchment | Sewage Pump Station | Yes | MAR-SPS-U-0019 | \$ 12,990 | | N/A |
| Callistemon Court ROTHWELL Rothwell WPS-RED002 Upgrade | Redcliffe Water Supply Scheme | Water Pump Station | Yes | REW-WPS-U-0001 | \$ 3,921 | | N/A |
| Goodwin Drive BONGAREE SPS BIS082 Upgrade Vac Pod Telemetry | Bribie Island Sewerage Catchment | Sewer Electrical Instrumentation & Controls | Yes | BRI-SEI-U-0002 | \$ 25,920 | | 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 | \$ 62,851 | | N/A |
| Buchanan Road CABOOLTURE SGM Trunk Sewer 1350mm | South Caboolture Sewerage Catchment | Sewage Gravity Mains | No | N/A | \$ 132,946 | | N/A |
| AURA Bells Creek Arterial Road New SRM 710mm from SPS001 - Stage 1 | Kawana Sewerage Catchment | Sewage Rising Main | No | N/A | \$ 309,953 | | 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 | \$ 102,873 | | 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 | \$ 135,639 | | N/A |
| AURA Beerwah State Forest New Reservoir - Stage 1 | Ewan Maddock Water Supply Scheme | Water Reservoirs | Yes | EMD-WRS-N-0001 | \$ 93,839 | | 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 | \$ 108,027 | | N/A |
| Forest Hills Drive MORAYFIELD WMN Outlet 750mm | Lowlands Water Supply Scheme | Water Mains | No | N/A | \$ 108,027 | | N/A |
| AURA Bells Creek Arterial Road New SPS001 - Stage 1 | Kawana Sewerage Catchment | Sewage Pump Station | Yes | KAW-SPS-N-0003 | \$ 70,769 | | 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 | \$ 58,521 | | N/A |
| Tanawha Road TANAWHA Water Mains New 500mm | Landershute Water Supply Scheme | Water Mains | Yes | LAN-WMN-N-0060 | \$ 78,253 | | N/A |
| Kippa-Ring Sewerage Upgrade | Redcliffe Sewerage Catchment | Sewage Rising Main | No | N/A | \$ 60,000 | | N/A |
| Mumford Road NARANGBA SRM Upgrade 150mm | Burpengary East STP Sewerage Catchment | Sewage Rising Main | Yes | BGE-SRM-U-0004 | \$ 23,255 | | N/A |
| Jacko Place NARANGBA Reservoir New 10ML | Lowlands Water Supply Scheme | Water Reservoirs | No | N/A | \$ 108,027 | | N/A |
| Steve Irwin Way, BEERBURRUM Water Reticulation Main | Landershute Water Supply Scheme | Water Mains | No | N/A | \$ 8,321 | | N/A |
| Moreton Downs Drive DECEPTION BAY SPS-DBY018 Capacity Upgrade | Burpengary East STP Sewerage Catchment | Sewage Pump Station | No | N/A | \$ 18,384 | | N/A |
| Grogan Road Trunk Sewer SPS-MOR010 and Coach Road Rising Main | South Caboolture Sewerage Catchment | Sewage Rising Main | No | N/A | \$ 69,026 | | N/A |
| Grogan Road MORAYFIELD SGM Upgrade 675mm | South Caboolture Sewerage Catchment | Sewage Gravity Mains | No | N/A | -\$ 11,575 | | N/A |
| Landsborough-Maleny Road LANDSBOROUGH Altitude Control Valve Upgrade | Landershute Water Supply Scheme | Water Valve | Yes | LAN-WVA-U-0003 | \$ 1,489,052 | | N/A |
| Steve Irwin Way BEERBURRUM WVA Relocate Control Valve | Landershute Water Supply Scheme | Water Valve | No | N/A | \$ 3,307 | | N/A |
| Blackall Terrace NAMBOUR New Flow Meter D/S PMA05 | Image Flat Water Supply Scheme | Water Meters | Yes | IMF-WFM-N-0003 | \$ 25,029 | | N/A |
| Oakey Flat Road MORAYFIELD HLZ WPS MOR001 Upgrade 15kW | Lowlands Water Supply Scheme | Water Pump Station | No | N/A | \$ 9,011 | | N/A |
| Chambers Road WOODFORD New Water Pumping Station | Uplands Water Supply Scheme | Water Miscellaneous | No | N/A | \$ 2,302 | | N/A |
| Mooloolah Connection Road MOOLOOLAH WMN 200mm Security of Supply | Landershute Water Supply Scheme | Water Mains | No | N/A | \$ 3,307 | | N/A |
| Oasis Court CLONTARF Redcliffe STP Effluent Pump Upgrade | Redcliffe Sewerage Catchment | Sewage Treatment Plant | No | N/A | \$ 24,260 | | N/A |
| Helm Crescent WURTULLA SRM New 100mm Connection | Kawana Sewerage Catchment | Sewage Rising Main | No | N/A | \$ 76,124 | | N/A |
| Marsh Road COOLUM STP Upgrade | Coolum Sewerage Catchment | Sewage Treatment Plant | No | N/A | \$ 316,649 | | N/A |
| Maroochydore City Centre Recycled Water Treatment Plant | Maroochydore STP Sewerage Catchment | Sewer Miscellaneous | No | N/A | -\$ 34,624 | | N/A |
| Mahogany Drive MARCUS BEACH SPS-MPG012 Vac Pod Telemetry Upgrade | Noosa Sewerage Catchment | Sewer Electrical Instrumentation & Controls | Yes | NOH-SEI-U-0002 | \$ 243,712 | | N/A |
| Eenie Creek Road NOOSAVILLE SPS-NVL037 Vac Pod Telemetry Upgrade | Noosa Sewerage Catchment | Sewer Electrical Instrumentation & Controls | Yes | NOH-SEI-U-0001 | \$ 93,864 | | N/A |
| Kenilworth-Brooloo Road KENILWORTH STP Effluent Management Upgrade | Kenilworth Sewerage Catchment | Sewage Treatment Plant | Yes | KEN-STP-U-0002 | \$ 71,882 | | N/A |
| Beaufort Street STRATHPINE SPS MDN165 Upgrade Emergency Storage (432kL) | Murrumba Downs Sewerage Catchment | Sewer Emergency Storage | Yes | MDW-SES-U-0006 | \$ 74,668 | | N/A |
| Cinnamon Avenue COOLUM BEACH SPS CLM082 Pipe and Pump Upgrade | Coolum Sewerage Catchment | Sewage Pump Station | | N/A | \$ 276,984 | | N/A |
| REDCLIFFE STP Sewage outfall - replacement | Redcliffe Sewerage Catchment | Sewage Treatment Plant | Yes | RED-STP-U-0004 | \$ 61,762 | | N/A |
| Bribie Island Road NINGI SPS-NSP007 Ningi vacuum sewerage system upgrade | Bribie Island Sewerage Catchment | Sewer Miscellaneous | No | N/A | \$ 317,054 | | N/A |
| Samford Road SAMFORD Automated Flushing Station | Pine Rivers South Water Supply Scheme | Water Mains | No | N/A | \$ 1,008 | | N/A |
| Whitecross Road BLI BLI HLZ WPS Upgrade Pressure set-point control | Image Flat Water Supply Scheme | Water Pump Station | No | N/A | \$ 80,821 | | N/A |
| Kelly Street NARANGBA SGM Upgrade 300mm | Burpengary East STP Sewerage Catchment | Sewage Gravity Mains | Yes | BGE-SGM-U-0001 | \$ 28,271 | | N/A |
| Albany Creek Low Level Reservoir Upgrade Pump and Chlorine Analyser | Pine Rivers South Water Supply Scheme | Water Reservoirs | No | N/A | \$ 6,362 | | N/A |
| AURA Watermain Link between Precinct 2 and Racecourse Road | Ewan Maddock Water Supply Scheme | Water Mains | No | N/A | \$ 3,307 | | N/A |
| Integrate Chlorine Emergency Shutdown Systems into SCADA | Information Communication Technology | Information Communication Technology A | | N/A | \$ 69,161 | | N/A |
| AURA - Upgrade of Phase 1 Sewerage Connection | Kawana Sewerage Catchment | Sewage Pump Station | Yes | KAW-SPS-U-0059 | \$ 1,800 | | N/A |
| Kawana STP Upgrade (Future Stage) - K300 | Kawana Sewerage Catchment | Sewage Treatment Plant | | N/A | \$ 5,733 | | N/A |
| Gympie St LANDSBOROUGH SPS LBH002 Upgrade | Landsborough Sewerage Catchment | Sewage Pump Station | Yes | LNB-SPS-U-0001 | \$ 6,873 | | N/A |
| White Gums Street LANDSBOROUGH SPS LBH001 Upgrade Pump | Landsborough Sewerage Catchment | Sewage Pump Station | Yes | LNB-SPS-U-0004 | \$ 3,307 | | N/A |
| Whitecedar Circuit NORTH LAKES SPS-MDN181 Pressure Transient Mitigation | Murrumba Downs Sewerage Catchment | Sewage Pump Station | | N/A | \$ 7,750 | | N/A |
| REGIONAL FY2022-23 SCADA Control of SPSs at STPs | Multiple Sewerage Catchments | Sewer SCADA | | N/A | \$ 4,806 | | N/A |
| Noosa Parade NOOSA HEADS SPS NHD010 Upgrade SGM 225mm | Noosa Sewerage Catchment | Sewage Gravity Mains | | N/A | \$ 1,550 | | N/A |
| Eccles Boulevard BIRTINYA New Connection and 2 Valves | Landershute Water Supply Scheme | Water Valve | | N/A | \$ 3,307 | | N/A |
| Ridges Boulevard, PEREGIAN SPRINGS Water Trunk Main | Image Flat Water Supply Scheme | Water Mains | | N/A | \$ 1,959,834 | | N/A |
| Landsborough STP Upgrade | Kawana Sewerage Catchment | Sewage Rising Main | Yes | KAW-SRM-N-0028 | \$ 102,958 | | N/A |
| Caboolture West Water and Sewer Network Infrastructure | South Caboolture Sewerage Catchment | Sewer Miscellaneous | | N/A | \$ 337,445 | | N/A |
| Maleny Landsborough Rd MALENY Upgrade Wetland control system | Maleny Sewerage Catchment | Sewage Treatment Plant | | N/A | \$ 1,350 | | N/A |
| | | | | | \$ 31,086,224 | | |