

Greater Parramatta Olympic Peninsula Water Resource Recovery Facility

Delivering our water future

Sydney Water is delivering a transformative investment in our city to ensure our water, wastewater and stormwater systems meet the needs of our customers now and in the future.

Our infrastructure delivery is timed to support the NSW Government's growth ambitions and is aligned with housing supply policy. New infrastructure, amplifications and upgrades will ensure the resilience and reliability of our water supply for generations to come.

The expansive program of work is being delivered across Greater Sydney, including the Blue Mountains and the Illawarra. A significant number of projects are currently in planning, while many are in delivery or have been completed.

Explore the [Major Projects Pipeline](#).

The population in the Greater Parramatta Olympic Peninsula (GPOP) area is projected to increase by 120 per cent to more than 821,000 by 2056 with 110,000 new homes and 196,000 new jobs. Planning is underway to build a new water resource recovery facility (WRRF) at Camellia, in the Parramatta Local Government Area, to service growth and provide wastewater services to the region.

75 per cent of wastewater in the GPOP area is currently discharged to the ocean via a deep-water ocean outfall. Capacity limits are expected to be reached around 2031 and a new facility is needed to support new homes and job growth in the area.

The new treatment plant will use advanced methods to treat up to 100 ML/d before transferring the high quality treated water via a new pipeline and releasing into the Parramatta River at Wentworth Point.

The proposed Camellia WRRF will enable supply of recycled water for non-drinking purposes including industrial and agricultural use and irrigating playing fields.

As the GPOP economic corridor grows, the Camellia WRRF has the potential to contribute purified recycled water to increase water supply resilience for Greater Sydney.

Benefits for our customers and communities



Efficient and cost-effective wastewater services



Supporting 196,000 new jobs



Reliable wastewater services to support 110,000 homes by 2056



Treat up to 100 ML wastewater per day allowing for expansion to service growth in the region



Produce biosolids for an alternative to chemical fertilisers in agriculture



Rainfall independent water supply for residences, business, industry, agriculture and irrigation



Protect local waterways, including the Parramatta River, and aquatic ecosystems via environmental flows (the release of high quality treated water)

Investment



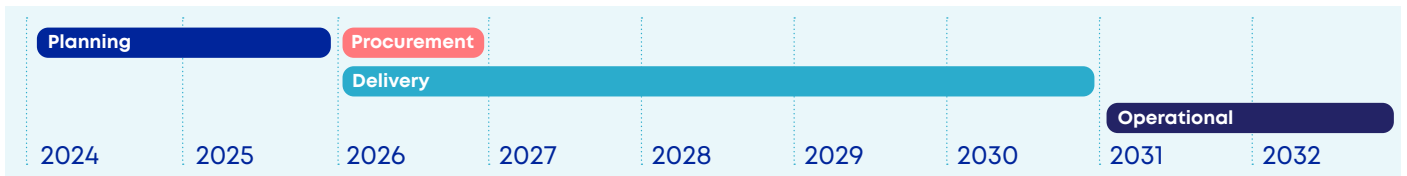
\$500 million - \$1 billion

Location



Preliminary alignments subject to site investigations and detailed optioneering

Project timeline



Contact us

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This information is correct at the time of printing.

Please visit sydneywater.com.au for the latest updates.

