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Media Release

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CEO, PBAHB and PBAPP.

## **PENANG'S WATER TREATMENT CAPACITY UP BY 114 MLD**

- **Package 12A of the Sungai Dua Water Treatment Plant (WTP) will be officially opened by Penang Chief Minister YAB Tuan Chow Kon Yeow on 14.9.2024.**
- **Maximum design capacity of the Sungai Dua WTP increased from 1,228 million litres per day (MLD) to 1,342 MLD.**
- **Sungai Perai River-Crossing Pipeline Project has also commenced. Scheduled completion in January 2026.**

PENANG, Sunday, 8.9.2024: The commissioning of Package 12A at the Sungai Dua Water Treatment Plant (WTP) will increase Penang's water treatment capacity by up to 114 million litres per day (MLD) from this month.

114 MLD is equivalent to the volume of water that may be used to fill 76 million "big" 1.5L drinking water bottles every day.

Penang Chief Minister YAB Tuan Chow Kon Yeow is scheduled to officially open Package 12A at Sungai Dua next Saturday, on 14.9.2024.

Package 12A refers to a new water treatment module within the premise of the Sungai Dua WTP. This module was built rapidly in response to higher post-pandemic water demand.

The Sungai Dua WTP is Penang's largest and most important WTP. Its treated water is supplied to about 465,000 water consumers daily. Accordingly, the beneficiaries of Package 12A are the 465,000 water consumers in this WTP's service areas.

On the mainland, the service areas of the Sungai Dua WTP include most areas in Seberang Perai Utara (SPU), Seberang Perai Tengah (SPT) and Seberang Perai Selatan (SPS).

Treated water from the Sungai Dua WTP is also pumped to consumers in Daerah Barat Daya (DBD) and some areas in Daerah Timur Laut (DTL) on Penang Island.



This year, PBAPP is also pumping up to 33 MLD of water from Sungai Dua to the Air Itam service area under its Air Itam Dam Action Plan 2024 (AIDAP 2024).

### **Sungai Perai River-Crossing Pipeline**

Work has also commenced on the project to lay a new 180m long 1.35m river-crossing pipeline at Sungai Perai, near the Ampang Jajar Bridge. This pipeline is scheduled for commissioning in January 2026.

When completed, this Sungai Perai River-Crossing Pipeline will allow PBAPP to carry more flow and volume of treated water from the Sungai Dua WTP to Penang Island.

This measure will address sporadic water shortage issues in some high ground and end-of-line (EoL) neighbourhoods in DBD and some areas of DTL.

The new pipeline, with its own supporting structure built above the river, will replace the 225m long twin 600mm pipelines that were along the Ampang Jajar Bridge since January 2024. These 600mm pipelines were laid as a temporary solution to pump water to Penang Island after a corroded 1.35m underwater pipeline burst repeatedly on the riverbed in December 2023 and January 2024.

With a diameter of 1.35m, the new Sungai Perai River-Crossing Pipeline may deliver a “higher load of water” to Penang Island, especially during peak water consumption periods.

In other words, this river-crossing pipeline is being laid to supply more water to about 120,000 water consumers on Penang Island, including the factories in the Bayan Lepas Free Trade Zone. When commissioned, it will also enhance the stability of water supply services in the western, south-western and southern parts of the island.

Thank You.

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