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Media Release

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## **APRIL 2025 WATER WORKS WILL ENABLE PUMPING OF 50 MLD MORE WATER FROM THE SUNGAI DUA WATER TREATMENT PLANT**

PENANG, Saturday, 19.4.2025: PBAPP plans to pump more water from the Sungai Dua Water Treatment Plant (WTP) to Penang Island with completion of 3 major water works projects on 26.4.2025.

These 3 major projects are:

1. Repair of a leaking 700mm pipeline and 6 pump house upgrading works at the Sungai Dua WTP in Seberang Perai Utara (SPU);
2. Replacement of a faulty 1.2m valve at a pipeline in Jalan Pengkalan Tambang, near the Sungai Dua WTP; and
3. Final connection works for the 1.35m Sungai Perai River Crossing Pipeline (SP-RCP) in Seberang Perai Tengah (SPT).

The Sungai Dua WTP works will allow PBAPP to pump a bigger volume of treated water at higher pressures out from Penang's largest and most important WTP.

The works at Jalan Pengkalan Tambang will prevent a major leakage or burst pipe mishap when PBAPP pumps more water at higher pressures from the Sungai Dua WTP.

The final connection of the SP-RCP represents a long-term resolution to a pipeline "bottle-neck" and safety issue at the Sungai Perai site.

With a 1.35m diameter, the SP-RCP carries the potential to channel 250% more treated water across the river than the 2 existing 600mm pipelines.

Moreover, the 2 existing 600mm pipelines spanning Sungai Perai are mounted on the Ampang Jajar Bridge. This bridge is built to safely bear the load of regular vehicular traffic and not the additional load of water pipelines.

Insofar as safety and serviceability are concerned, the SP-RCP is mounted on its own supporting structure about 3.31m above the high water level of Sungai Perai.

In 2024, PBAPP pumped an average of 386 million litres per day (MLD) of treated water from the Sungai Dua WTP to the island, primarily to the South-West District (DBD) and to support the Air Itam Dam Action Plan (AIDAP 2024).

Based on calculations, PBAPP may pump 50 MLD more treated water from Sungai Dua to the island from May 2025 whenever the Sungai Dua WTP is operating at optimal capacity.

### **Key benefits**

As such, the key benefits of these 3 major projects (and 20 other projects) that will be carried out during the April 2025 scheduled water supply interruption (SWSI) are:

- Supply of more treated water from the Sungai Dua WTP (in Seberang Perai and on Penang Island) under normal circumstances;
- Better water supply pressures in the service areas of the Sungai Dua WTP in SPU, SPT and Seberang Perai Selatan (SPS) as well as in the North-East District (DTL) and DBD on the island;
- Reduction of intermittent water supply issues in some end-of-line (EoL) and high ground neighbourhoods in SPS and DBD;
- Faster water supply recovery times following future SWSIs and unscheduled water supply interruptions (UWSIs) arising from mishaps; and
- More stable water supply during “peak seasons” (such as festivals) when water consumption is high in the Sungai Dua WTP’s service areas.

### **Plan ahead for the 25.4.2025 SWSI**

PBAPP has scheduled works on 23 projects in 9 locations simultaneously during the 25.4.2025 SWSI to minimise inconveniences to Penang water consumers in the service areas of the Sungai Dua WTP.

If all these projects are completed as scheduled, water supply services should be recovered in accordance to the following schedule:



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Date	Time	Events
25.4.2025 (Friday)	10.00pm	<ul style="list-style-type: none"><li>• SWSI affecting 341,708 water consumers</li></ul>
26.4.2025 (Saturday)	10.00pm	<ul style="list-style-type: none"><li>• 40% water supply recovery.</li><li>• Seberang Perai: All areas in SPU and SPT.</li><li>• Penang Island: All areas in DTL.</li></ul>
27.4.2025 (Sunday)	10.00pm	<ul style="list-style-type: none"><li>• 88% water supply recovery.</li><li>• Seberang Perai: All areas in SPS except Kampung Sungai Baong, Kampung Wellesley, Taman Seruling Emas, Taman Widuri, Sungai Duri and the Penang Prison Quarters.</li><li>• Penang Island: All areas in DBD except Balik Pulau (southern neighbourhoods), Gertak Sanggul, Kampung Terang, Pulau Betong and Sungai Ara.</li></ul>
28.4.2025 (Monday)	10.00am	Full water supply recovery

PBAPP would like to remind all affected water consumers to kindly plan ahead and store sufficient water for use over 24 hours, 48 hours or 60 hours.

Please visit the PBAPP FB page or [www.pba.com.my](http://www.pba.com.my) for more information. We apologise for all the inconveniences that will be caused.

Thank You.

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