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Media Release 2

5 KEY PROJECTS IN THE PIPELINE FOR PENANG TO BOOST WATER TREATMENT CAPACITY BY 30.5% BEFORE 2030

- **Sungai Dua Water Treatment Plant's maximum design capacity to be upgraded from 1228 MLD in 2023 to 1342 MLD by 2024.**
- **3 other new water treatment plants to be commissioned in Seberang Perai before 2030.**

PENANG, Saturday, 11.3.2022: Perbadanan Bekalan Air Pulau Pinang Sdn Bhd (PBAPP) is planning to complete 5 key projects in the next 5 years to upgrade its water treatment capacity by 30.5% before 2030.

PBAPP and PBA Holdings Bhd CEO Ir. Pathmanathan K. said today that the total maximum design capacity of Penang's 9 existing water treatment plants was 1,599 MLD as at February 2023.

He was speaking at the official ground-breaking ceremony of the Bukit Panchor DAF Water Treatment Plant by Penang Chief Minister Tuan Chow Kon Yeow in SPS today. Also present at the event was YB Zairil Khir Johari.

"We expect to commission this new RM20 million DAF plant in August 2023. It will increase our maximum treatment capacity by 10 million litres per day (MLD) in Seberang Perai Selatan (SPS)," he said.

"We plan to implement another RM30.69 million project called Package 12A of the Sungai Dua WTP. Package 12A will see the construction of an additional water treatment module in the Sungai Dua WTP, with a maximum design capacity of 114 MLD.

"Work on Package 12A commenced from 15 March 2022 and this new module should be functional by December 2023. This means that the maximum design capacity of the Sungai Dua WTP will be further boosted, from 1,228 MLD currently to 1,342 MLD by end 2023. The commissioning of Package 12A will allow PBAPP to produce more treated water in the Sungai Dua WTP and pump more treated water to SPS," he added.

Ir. Pathmanathan said other key PBAPP water treatment works that are being planned for commissioning before 2030 include:

- New Mengkuang Dam WTP (114 MLD by 2025)
- New Sungai Kerian WTP (114 MLD by 2027)
- Sungai Perai Water Supply Scheme (136 MLD by 2028)

As such, he said, PBAPP was planning to increase its total water treatment capacity by 488 MLD (30.5%) in the timeframe from 2023 to 2028.

“We are targeting to achieve a 30.5% increase in water treatment capacity in Penang before 2030, in support of the State Government’s Penang2030 vision by ensuring water supply sufficiency. Along the way, we will also resolve the water supply issues in SPS,” he added.

He said the Sungai Dua WTP had produced an average of 1,008 MLD* of treated water in January and February 2023, 10.9% more as compared to 909 MLD in 2019 before the pandemic.

“We are producing and supplying more treated water from Penang’s largest WTP than ever before. And yet, we have to acknowledge that there are still water supply issues in SPS,” he said.

“The facts and figures reflect the reality. We are dealing with an extraordinary scenario in which more Penang water consumers are using significantly more water, after the 2020-2022 pandemic. Water consumption in Seberang Perai has increased by more than 10% since 2019, and this phenomenon is affecting water supply services to higher ground and end-of-line areas in SPS,” he added.

* PBAPP produced an average of 1008 MLD of treated water at the Sungai Dua WTP in January and February 2023. With a non-revenue water (NRW or water loss) percentage of 23.7%, the actual volume of water that reached water consumers’ taps was 769 MLD.

Issued by : Syarifah Nasywa bt Syed Feisal Barakbah
Corporate Communications Unit
Email : syarifah@pba.com.my