

27.4.2019

PRESS STATEMENT

by DATO' IR. JASENI MAIDINSA
CEO of PBA Holdings Bhd and PBAPP.

PBAPP WORKING ON ACHIEVING WATER SECURITY FOR PENANG UNTIL 2050

Key Projects

- **Sungai Perak Raw Water Transfer Scheme (SPRWTS)**
- **3rd Butterworth to Penang Twin Submarine Pipelines**
- **Upgrading 9 Existing Water Treatment Plants**

PENANG, Saturday, 27.4.2019: Perbadanan Bekalan Air Pulau Pinang Sdn Bhd (PBAPP) is commemorating its 20th year of service to Penang in 2019 by implementing projects to ensure that the state has enough water until 2050.

Since its corporatisation in 1999, PBAPP has been thinking, planning and acting ahead of time. We always make sure that Penang has access to more water than it needs.

So, in 2019, we are already implementing projects for the future; projects that will help Penang to achieve water security until Year 2050.

Key Projects for the Future

In the period 2019 – 2021, PBAPP is planning to invest a total of RM501 million in water supply projects for the future. The 3 key projects are:

- The 3rd Butterworth to Penang Twin Submarine Pipeline Project
This project consists of 1200mm diameter twin submarine pipeline allows PBAPP to supply 315 million litres per day (MLD) of water from the Sungai Dua Water Treatment in Seberang Prai to Penang Island.
- The Sungai Perak Raw Water Transfer Scheme (SPRWTS)
Penang has been dependent on only one primary raw water resource, Sungai Muda, for too long. Penang must tap a second raw



water resource to meet future water demand beyond 2025. The SPRWTS will be implemented in 4 phases until Year 2040, with a total yield of 1,000 MLD.

- Upgrading Penang's 9 Existing Water Treatment Plants
It is cheaper and better to upgrade Penang's existing water treatment plants than to build new water treatment plants. PBAPP will optimise treated water production to buy time, until the SPRWTS comes online.

At the same time, PBAPP will also continue to lay new pipelines to supply water to all the new growth areas in Penang.

Rationale: Projects for the Future

Water consumption in Penang has increased by 56.7%, from 536 MLD in 1999 to 840 MLD in 2018.

The number of registered water consumers in Penang increased by 82%, from 338,523 consumers in 1999 to 616,082 consumers in 2018.

Per capita domestic consumption increased by 9%, from 255 litres per capita per day (l/c/d) in 1999 to 278 l/c/d in 2018.

Meanwhile, the "Masterplan Study for Potable Water Supply in Penang until 2050" projects that water demand will increase to 1,884 MLD in 2050.

PBAPP has to invest millions in water supply infrastructure to minimise the risks of a water crisis in the future. Please remember that our No. 1 priority is "no water rationing at all costs".

Thank You.

Issued by : Puan Syarifah Nasywa bt Syed Feisal Barakbah
Corporate Communications Unit
Tel : 04-200 6607
Email : syarifah@pba.com.my