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Media Release

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CEO, PBAHB and PBAPP.

## **PENANG'S NEW RM128 MILLION PIPELINE PROJECT: PBAPP GETS THE NOD FROM LLM**

- **13.0km x 1.8m treated water pipeline from the Sungai Dua Water Treatment Plant to Butterworth: One of the longest major pipelines to be laid since PBAPP was corporatised in 1999.**
- **Key objective: Pump more treated water to Penang Island (via the 3<sup>rd</sup> Penang Twin Submarine Pipelines).**
- **Primary beneficiaries: 165,054 registered water consumers in the north-east and south-west districts (DTL and DBD) of the island.**

PENANG, Friday, 21.3.2025: Lembaga Lebuhraya Malaysia (LLM) has given PBAPP the "green light" to proceed with its 4<sup>th</sup> Water Contingency Plan 2030 (WCP 2030) project for Penang.

PBAPP has been seeking approvals from various federal, state and local government authorities to lay of a new RM128 million treated water pipeline from the Sungai Dua Water Treatment Plant (WTP) to Butterworth in Seberang Perai Utara (SPU).

This large 1.8m pipeline will connect a new WTP outlet point in Sungai Dua to a new inlet point of the 3<sup>rd</sup> Penang Twin Submarine Pipelines (3<sup>rd</sup> PTSP) in Butterworth. It is an important component of the WCP 2030 that will allow PBAPP to pump more treated water from Penang's largest and most important WTP to the island in the future.

On Penang Island, PBAPP is also planning to lay a new 3.9km x 1.8m pipeline (the 3<sup>rd</sup> WCP 2030 project) to channel the treated water from Sungai Dua to the Bukit Dumbar Reservoir and Pumping Station Complex. From Bukit Dumbar, the treated water will be re-pumped primarily to the south-western district (DBD) of the island.

As such, the primary beneficiaries of this project are 165,054 water consumers in DTL and DBD, including 140,669 domestic consumers and all the multinational corporations in Bayan Lepas.

In 2024, PBAPP pumped an average of 366 million litres per day (MLD) of treated water from the Sungai Dua WTP to Penang Island, including the 33 MLD needed to sustain its Air Itam Dam Action Plan 2024 (AIDAP 2024).

### **One of the longest new pipelines in Penang**

The projected length of the Sungai Dua WTP-Butterworth pipeline is 13.0km. This length makes it one of the longest major water pipelines to be laid in Penang since PBAPP was corporatised 26 years ago, in 1999.

Due to safety, engineering integrity and cost considerations, PBAPP must lay the pipeline underground, across or along many parcels of land in SPU, including highway reserve land under the jurisdiction of LLM, as related to the Butterworth Outer Ring Road (BORR) and the North-South Expressway (NSE).

### **LLM Support**

On Wednesday, 12.3.2025, a PBAPP delegation met with Dato' Ir. Sazali bin Harun, the Director-General of LLM, in Bangi, Selangor. During that meeting, Dato' Ir. Sazali agreed in principle with PBAPP's plan to lay the pipeline across or along LLM land, provided the waterworks do not create or cause major issues at the BORR and/or the NSE.

PBAPP appreciates LLM's support for a critical water works project that will support water supply sufficiency throughout the State of Penang until 2030.

### **Fast-tracking other land-related approvals**

Work on the 13.0km x 1.8m Sungai Dua to Butterworth Pipeline project is scheduled to commence in 2026. At present, PBAPP is finalising the alignment of the new pipeline in SPU with that deadline in mind.

With the support of the Penang State Government, we are seeking to fast-track other approvals from authorities such as the Department of Irrigation and Drainage (JPS), Integrated Agricultural Development Area (IADA) under the Ministry of Agriculture and Food Security, the Public Works Department (JKR) and the Seberang Perai City Council (MBSP).

We are working as fast as we can to secure the requisite approvals from the relevant authorities. Based on the final alignment, it is also likely that PBAPP will be involved in land acquisition activities as the pipeline will inevitably cut across plots of privately-owned land in SPU.

PBAPP seeks the kind understanding, cooperation and support of all the parties who are involved (and who will be involved) in the Sungai Dua to Butterworth Pipeline project. We need to implement this WCP 2030 project on time to ensure that Penang has sufficient water supply until 2030.

Thank You.

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