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 Media Release

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 CEO, PBAHB and PBAPP.

**ALL SUNGAI PERAI UNDERWATER PIPELINES SUCCESSFULLY REPLACED**

- **No more threat of leaking or burst underwater pipelines in this river that may cause prolonged water supply interruptions.**

PENANG, Monday, 27.4.2026: PBAPP has successfully completed its Sungai Perai River-Crossing Pipelines (SP-RCP) programme yesterday. This programme is a long-term solution to eliminate the risks of water supply disruptions arising from burst or leaking underwater pipelines previously laid across the riverbed.

The following are the details of the 3 SP-RCP projects completed over the past year:

Project	Completion Date	Location	PBAPP Investment (RM)
SP-RCP 1	27.4.2025	<ul style="list-style-type: none"> <li>• Kampung Telok (North-South Highway)</li> <li>• Taman Ampang Jajar (Jalan Permatang Pauh)</li> </ul>	7.879 million
SP-RCP 2	28.1.2026	Jalan Permatang Pasir (Restoran Aur Gading)	3.238 million
SP-RCP 3	26.4.2026	Kampung Bagan Serai	5.086 million
<b>Total</b>			<b>16.203 million</b>

These 3 new SP-RCP pipeline sections replaced 3 lengths of underwater pipelines that were laid in the 1990s.

On 18.12.2023, the 1,350mm underwater pipeline at Taman Ampang Jajar suddenly burst, causing an unscheduled water supply interruption (UWSI) that affected about 200,000 water consumers in Seberang Perai Tengah (SPT) and Seberang Perai Selatan (SPS), as well as in Daerah Barat Daya (DBD) and Daerah Timur Laut (DTL) on Penang Island.

Temporary underwater repair works (3.5m below the surface of the river) required specialist manpower and equipment from outside Penang. These emergency repairs took 56 hours to complete and water supply recovery for 99% of the affected consumers took another 72 hours.

As directed by Penang Chief Minister YAB Tuan Chow Kon Yeow, PBAPP undertook a comprehensive one-year programme to replace all vulnerable underwater pipelines laid across the river.

### **Deployment of “No SWSI” technologies**

Yesterday (26.4.2026), the final connection works for the SP-RCP 3 were successfully completed without a scheduled water supply interruption (SWSI). This is due to the deployment of “hot tapping” and “line-stopping” technologies that allowed PBAPP to continuously supply water throughout the final connection processes.

As such, PBAPP managed to avoid a 48-72 hour water supply interruption for about 10,000 water consumers in Seberang Perai Utara (SPU) and SPT, including factories in Mak Mandin and the Prai Industrial Area,

Hot-tapping and line-stopping were initially pioneered in Penang for the final connection works of the SP-RCP 2 in January 2026. At that time, the first deployment avoided a SWSI for about 26,000 water consumers in SPU and SPT.

PBAPP will continue to comply with YAB Tuan Chow’s directive to deploy hot tapping and line stopping for all major pipeline connection works in Penang, subject to engineering considerations.

### **Key SP-RCP programme benefits**

The key benefits of the SP-RCP programme are:

1. Safer pumping of higher volumes of treated water via the new river-crossing pipeline sections, from the Sungai Dua Water Treatment Plant (WTP) to Seberang Perai Utara (SPU), SPT, SPS, DBD and DTL.

This has resulted in more stable water supply services, as well as better water pressures, for about 465,000 water consumers when water demand is high.

2. New and reliable pipelines with lifespans extending to 25 years or more, commencing from 2025/2026.
3. Easier and more convenient access to the river-crossing pipeline sections, for inspection and preventive maintenance works, as compared to underwater pipeline sections.



# PBA

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4. Faster and more cost-efficient future repair and/or upgrading works.
5. No more threats of prolonged water supply disruptions arising from mishaps involving underwater pipelines in the Sungai Perai waterway which are difficult to repair and maintain.

Thank You.

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