



PBA
Perbadanan Bekalan Air
Pulau Pinang Sdn Bhd
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Memenuhi segala keperluan bekalan air anda
Meeting all your water supply needs

2.00pm, 27.1.2026

Media Release

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CEO, PBAPP and PBAHB.

2ND SUNGAI PERAI RIVER-CROSSING PIPELINE: PREPARATORY WATER DIVERSION WORKS HAVE BEGUN ON SITE

- Installation of “line stopping” machine to temporarily divert water flow is commencing as scheduled at work site in Sungai Dua.**

PENANG, Tuesday, 27.1.2026: “Line stopping” machinery is being installed at the final connection work site of the 2nd Sungai Perai River-Crossing Pipeline (2nd SP-RCP) in Sungai Dua, Seberang Perai Utara (SPU) today.

“Line stopping” enables a temporary diversion of water from an existing pipeline to a bypass pipeline section. It keeps water supply flowing during a pipeline connection project.

Deployment of this technology (for the first time in Penang) allows PBAPP to carry out the final connection works of the 2nd SP-RCP without the need for a scheduled water supply interruption (SWSI) in Seberang Perai.

As such, there is NO SWSI that would potentially affect about 26,000 water consumers in Seberang Perai Utara (SPU) and Seberang Perai Selatan (SPS) tomorrow.

Today, there was a technical briefing and site inspection by PBAPP engineering personnel at the work site. The final connection works will commence as scheduled tomorrow.

2ND SP-RCP: Schedule of Works

Today, 27.1.2026

Preparatory “line stopping” work

Tomorrow, 28.1.2026 (Wednesday): Final connection works

1.	“Hot tapping” and conventional pipe cutting	A “hot tapping” machine can cut a pipeline from inside the sleeve with water flowing.
2.	Temporary water flow bypass	<ul style="list-style-type: none">Gate valves closed, stopping water flow through the cut pipe section when the hot tapping machine retracted.“Line stopping” machines re-direct water flow to a temporary bypass pipeline. Hence, no need to shut down water supply.



Tomorrow, 28.1.2026 (Wednesday): Final connection works (continued)

3.	Removal of “old pipeline” section	<ul style="list-style-type: none">• De-watering old pipeline• Usage of a heavy-duty crane to lift and place pipeline sections.• 4 welders to expedite welding works.• “Air test” after welding works.• Gate valves opened to enable water flow through the new pipeline section.
4.	Installation and connection of new pipeline section (welding)	
5.	Installation of blank flanges	To enable 610mm manhole access into the new pipeline section in the future.

Thursday, 29.1.2026

Uninstallation of the line stopping machines

Completion of final connection works.

The 2nd SP-RCP final connection works on 28.1.2026 and 29.1.2026 should not affect water supply services in Seberang Perai.

Nevertheless, PBAPP has advised and reminded water consumers in SPU and SPT to store some water for use as a precautionary measure because this is the first time “hot tapping” and “line stopping” work is being carried out in Penang.

Key PBAPP personnel will be on duty at the 2nd SP-RCP site tomorrow. Penang Chief Minister YAB Tuan Chow Kon Yeow is also expected to visit the site to personally view the progress of works.

To keep Penang water consumers informed, PBAPP will post updates on the progress of the 2nd SP-RCP final connection works on its Facebook page.

Thank You.

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