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PBAPP to partner IWK in studying recycling wastewater



The Pulau Pinang Water Supply Corporation (PBAPP) will partner with Indah Water Konsortium (IWK) to study recycling wastewater for industrial use in Pulau Pinang. -Pic credit to FB PBAPP Penang

GEORGE TOWN: The Pulau Pinang Water Supply Corporation (PBAPP) will partner with Indah Water Konsortium (IWK) to study recycling wastewater for industrial use in Pulau Pinang.

PBAPP and PBA Holdings Bhd chief executive officer K. Pathmanathan said the cooperation was part of plans to ensure water supply security in Penang by 2030, adding that they had signed a memorandum of understanding (MoU) with IWK yesterday on the matter.

We have discussed the possibility of recycling wastewater for industrial use with IWK in April last year and since then, we have identified three wastewater treatment plants in Bayan Baru and George Town on the island and Mak Mandin on the mainland for in-depth study, he said in a statement today.

The potential treated water from all three plants could equal 2.3 times the conventional treated water in Sungai Dua.

Pathmanathan said the biggest challenge Penang currently faces was the lack of raw water supply as the state had limited land, at only 1,049 sq km.

He said if 260 million litres a day of treated wastewater can be recycled for industrial use, it would mean a boost in capacity of water supply by that same amount.

He added that the company was also looking into the installation of separate specific pipes and pumps to channel this recycled water to industrial consumers and the overall cost of recycling wastewater and its supply. --Bernama