



Headline : Big step forward for water treatment
News Source : The Star, <https://www.thestar.com.my/news/nation/2025/05/28/big-step-forward-for-water-treatment>
Date : 28 May 2025

Big step forward for water treatment



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NATION

Wednesday, 28 May 2025

KAJANG: The completion of Package 3 of the Langat 2 Water Treatment Plant (WTP) last month marks a push towards sustainability and innovation by Pengurusan Aset Air Bhd (PAAB), says its chief executive officer Zulkiflee Omar.

At the heart of the RM210mil project is its pipe conveyor system for handling residual waste – a first in Malaysia's water treatment sector.

It has also been recognised for its length, measuring nearly 2km and having the longest screw conveyor system at 46m.

"This achievement signifies more than the completion of another infrastructure project.

"The project marks a transformative step forward for Malaysia's water treatment sector and proof that public utilities can be innovative," said Zulkiflee.

The project now has three listings in the Malaysia Book of Records (MBR) in recognition of its engineering ingenuity.

Wholly owned by Ministry of Finance Incorporated, PAAB was entrusted with the development of the Langat 2 WTP, which encompasses 26 packages across Klang Valley, including in Hulu Langat, Cheras, Sungai Besi, Bukit Jalil, Petaling, Bandar Kinrara, Ampang and Keramat AU3.

The Langat 2 WTP will have a treatment capacity of 1,130 million litres per day.

It draws raw water from the Kelam Dam in Pahang via a 45km tunnel.

A ceremony was held yesterday in which MBR certificates were presented to PAAB.

The event was attended by representatives from the Energy Transition and Water Transformation Ministry, National Water Services Commission, Pengurusan Air Selangor Bhd, Kajang Municipal Council and engineering partners Salcon Engineering Bhd and SMHB Sdn Bhd.



Zulkiflee pointed out that the energy-intensive process could produce up to 400 tonnes of residual waste daily.

Transporting such a huge amount of waste would normally require 35,000 lorry trips a year, he said.

“Just imagine – thousands of litres of diesel are burned and tonnes of carbon dioxide are released for this purpose.

“The pipe conveyor system allows for a more sustainable operation that is also environmentally sensitive.”

Salcon chief executive officer Jamiluddin Amini Sulaiman said the project was a testament to local engineering talents and determination.

“Despite challenges, we successfully delivered the project with zero injury, which reflects our commitment to safety and discipline.

“The project is proof of what can be achieved when Malaysian engineers are given the chance to prove themselves,” he said.

Also present at the ceremony were PAAB project director Johari Sinal @ Zainal, PAAB chairman Datuk Seri Jaseni Maidinsa, MBR representative Edwin Yeoh and Salcon executive deputy chairman Tan Sri Tee Tiam Lee.