



7.12.2019

PRESS STATEMENT

by Dato' Ir. Jaseni Maidinsa,
Chief Executive Officer,
PBA Holdings Bhd (PBAHB) and
Perbadanan Bekalan Air Pulau Pinang Sdn Bhd (PBAPP).

PBAPP CENTRAL LABORATORY WINS IKM “EXCELLENCE” AWARD FOR THE 3RD CONSECUTIVE YEAR.

- **Penang’s treated water exceeds Quality Assurance Programme parameters set by the Ministry of Health.**
- **3,148 tests in 2019 to ensure good water quality in Penang.**

PENANG, Saturday, 7.12.2019: In the past 11 months, Perbadanan Bekalan Air Pulau Pinang Sdn Bhd (PBAPP) has conducted 3,148 tests on treated water in Penang.

The results showed that Penang’s treated water is amongst the cleanest, safest and healthiest in Malaysia, in line with the State Government’s “Cleaner, Greener, Safer and Healthier Penang” initiative.

Under its Quality Assurance Programme (QAP), the Ministry of Health (MOH) has set the national parameters for water turbidity, free residual chlorine, e-coli bacteria, e-coli + free residual chlorine, and aluminium in treated water.

Water operators throughout Malaysia are required to comply with these parameters to address public health and safety concerns.

In Penang, PBAPP’s Central Laboratory and the Penang State Health Department, under the MOH, jointly sample and test treated water regularly in accordance to the National Drinking Water Quality Surveillance programme (NDWQS).



The treated water test results for Penang for 2019 (to date) showed that PBAPP's "product" complied with all the MOH requirements, with significant achievements recorded well below the QAP parameters for microbial and chemical contents.

3rd National Award for Water Testing

On 6.12.2019, the PBAPP Central Laboratory received its third consecutive "Laboratory Excellence Award" from the Institut Kimia Malaysia (IKM), or the Malaysian Institute of Chemistry.

This national award recognises Malaysian laboratories which comply with the MS ISO/IEC 17025:2005 laboratory accreditation and have achieved competency in the practice of analytical work.

The 2019 award given to the PBAPP Central Laboratory is specifically for the field of water testing. This laboratory won similar awards in 2017 and 2018.

Located in the Sungai Dua Water Treatment Plant (Sungai Dua WTP) compound, the PBAPP Central Laboratory operates with 12 personnel, headed by 2 chemists. It is equipped with the following equipment to test raw water, settled water and treated water:

- Inductively-coupled plasma optical emission spectrometer (ICPOES)
- Ultraviolet-visible (UV-VIS) spectrophotometer
- Total Organic Carbon (TOC) analyser

Ensuring Water Quality

The PBAPP Central Laboratory was established in 2008. It has played a key role in supporting PBAPP's water treatment operations in terms of quality assurance, especially at the Sungai Dua WTP, Penang's largest water treatment plant.

On average, the Sungai Dua WTP produced about 900 million litres of treated water per day (MLD), or more than 80% of the treated water that was consumed in Penang in 2019. Tests on the treated water verify that the quality is good and consistent.



Besides testing treated water from the 9 water treatments, the PBAPP Central Laboratory also tests the quality of raw water abstracted from Sungai Muda. PBAPP personnel use accredited scientific tests to “keep an eye” on the quality of the river water to make sure that it is “good enough” to undergo conventional water treatment processes, as used in Penang by PBAPP.

As such, the PBAPP Central Laboratory is an important facility. It helps to ensure that the treated water supplied in Penang is suitable for public consumption, in accordance to the QAP parameters set by the MOH. The IKM “Excellence” award validates the laboratory’s good performance in 2019.

Issued by : Syarifah Nasywa bt Syed Feisal Barakbah
Corporate Communications Unit
Tel : 04-200 6607
Email : syarifah@pba.com.my



7.12.2019 | PBAPP CENTRAL LABORATORY WINS IKM "EXCELLENCE" AWARD FOR THE 3RD CONSECUTIVE YEAR



7.12.2019 | PBAPP CENTRAL LABORATORY WINS IKM “EXCELLENCE” AWARD FOR THE 3RD CONSECUTIVE YEAR

PBAPP team receiving the IKM certificate from

Tuan Haji Mohamed Zaini bin Abdul Rahman, Director General of Jabatan Kimia Malaysia (*3rd from left*) and
ChM. Chang Hon Fong, Honorary Assistant Secretary of the Malaysian Institute of Chemistry (*second from left*)