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Media Release

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KEDAH MURKY SUNGAI MUDA WATER REPORTS: PBAPP ON STAND-BY TO ACTIVATE SUNGAI DUA EMERGENCY RESPONSE PLAN IN PENANG

- **As at 10.00am, the turbidity reading of raw water that PBAPP is abstracting at the Lahar Tiang Intake is still “safe”.**

PENANG, Friday, 29.11.2024: As at 12.00 noon today, PBAPP is standing by to activate its emergency response plan (ERP) following notifications that rising murky Sungai Muda water levels is affecting several Kedah water treatment plants (WTPs).

At 10.00am today, the turbidity rating of raw water abstracted by PBAPP was 309.37 NTU (nephelometric turbidity units) at the Lahar Tiang Intake in Seberang Perai.

If the turbidity reading reaches 1,000 NTU at Lahar Tiang today or tomorrow, PBAPP will do two things:

1. Reduce abstraction of raw water from Sungai Muda at Lahar Tiang and pumping of Sungai Muda raw water into the Sungai Dua Canal; and
2. Draw down water from the Expanded Mengkuang Dam (EMD) for discharge into the Sungai Dua Canal.

“Mixing” the raw water from Sungai Muda with raw water from the EMD will lower the turbidity level of raw water entering into the Sungai Dua WTP. The volume of raw water drawn down from the EMD may be adjusted accordingly.

The goal is to prevent or avoid a shutdown of the Sungai Dua WTP at all costs.

This WTP may safely process raw water with a turbidity rating of up to 1,000 NTU. If the turbidity level of the raw water entering the Sungai Dua WTP is higher than 1,000 NTU, PBAPP may not produce and supply potable water that is safe for public consumption.

The Sungai Dua WTP produces more than 1,000 million litres per day (MLD) of treated water for supply to 465,000 water consumers in Seberang Perai, North-East District and the South-West District of Penang Island.



As such, PBAPP is now operating on full alert mode.

Our water supply engineering personnel are monitoring the turbidity readings of raw water from Sungai Muda carefully. We will take immediate action as necessary.

PBAPP will post updates on the NTU readings at Lahar Tiang on its FB page to keep Penang water consumers updated. We will also inform the public if and when we activate our Sungai Dua ERP.

Thank You.

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