

17<sup>th</sup> February 2017

## **PRESS STATEMENT**

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

### **12-HOUR SCHEDULED WATER SUPPLY INTERRUPTION AT JALAN SUNGAI DUA NEAR THE SUNGAI DUA WTP (SPU) ON 25/2/2017**

- **8am – 8pm water supply interruption to enable installation of a pressure reducing valve (PRV) on a 600mm pipeline near the Sungai Dua Water Treatment Plant in SPU.**
- **Affected areas: Taman Merbau Jaya, Taman Merbau Indah, Kampung Petani Sungai Dua, Kampung Tengah Sungai Dua, Lorong Sekolah Menengah Desa Murni, Jalan Pasar Sungai Dua and Jalan Sungai Dua Merbau Kudung, SPU, Taman Seri Murni, Taman Pengkalan Machang and Kompleks Perniagaan Sungai Dua.**
- **Primary objective: Prevention and/or minimisation of future inconveniences to water consumers in SPU and SPT arising from pipe bursts and underground leakages that cause unscheduled supply interruptions.**

PENANG, Friday (17/2/2017): A pressure reducing valve (PRV) will be installed on a 600mm pipeline near the Sungai Dua Water Treatment Plant (Sg Dua WTP) on Saturday, 25<sup>th</sup> February 2017.

The installation works requires the temporary closure of a section of the 600mm pipeline that supplies water from the Sg Dua WTP to consumers in Seberang Prai Utara (SPU).

The pipeline closure will cause a 12-hour scheduled water supply interruption from 8am to 8pm on 25<sup>th</sup> February 2017.

This scheduled supply interruption will affect about 11,000 water consumers in nearby areas.

Affected residents in the following areas are advised to store sufficient water for use over 12 hours on 25<sup>th</sup> February 2017:

1. **Taman Merbau Jaya,**
2. **Taman Merbau Indah,**
3. **Kampung Petani Sungai Dua,**
4. **Kampung Tengah Sungai Dua,**
5. **Lorong Sekolah Menengah Desa Murni,**
6. **Jalan Pasar Sungai Dua,**
7. **Jalan Sungai Dua Merbau Kudung, SPU,**
8. **Taman Seri Murni,**
9. **Taman Pengkalan Machang, and**
10. **Kompleks Perniagaan Sungai Dua.**

Kindly refer to Appendix 'A':

Scheduled Water Supply Interruption at Jalan Sungai Dua near the Sungai Dua WTP (SPU) on 25/2/2017 (Affected Areas).

### PRV FUNCTIONALITY AND BENEFITS

PBAPP findings indicate that pipe bursts and underground leakages are prone to occur in the existing SPU and Seberang Prai Tengah (SPT) pipeline networks whenever the Sg Dua WTP pumps treated water at higher pressures to reach Penang Island via two sets of twin submarine pipelines.

The primary function of the PRV is to automatically manage or control the water pressure through the existing SPU and SPT pipelines, thereby 'protecting' these pipelines from high pressure stresses. With the PRV protection in place, the Sungai Dua WTP may then 'safely' pump water at higher pressures via high-pressure pipelines to Penang Island, without causing issues in Seberang Prai.

As such, the 5 main benefits of installing the PRV are:

1.	Prevention/reduction pipe bursts and underground leaks that cause unscheduled water supply interruptions and unnecessary inconveniences to all water consumers in SPU and SPT.
2.	Safer pumping of treated water at higher pressures from the Sg Dua WTP to Penang Island in the future, especially during dry seasons when water demand escalates.
3.	Reduction in costs of emergency repairs to address pipe bursts and underground leakages in SPU and SPT in the future.
4.	Minimisation of water supply downtime in SPU and SPT, as related to emergency repairs, in the future.
5.	Improved non-revenue water (NRW), or water loss, management.

The PRV connection works are scheduled to commence during daylight hours to ensure precise and timely completion within 12 hours.

Kindly note that the Prai Free Trade Zones and other industrial areas on the mainland will NOT be affected by this shutdown.

PBAPP deeply regrets any inconvenience caused. Please note that the installation of the PRV will ensure better water supply services in Seberang Prai, as well as on Penang Island, in the future. It will benefit water consumers in the long-term.

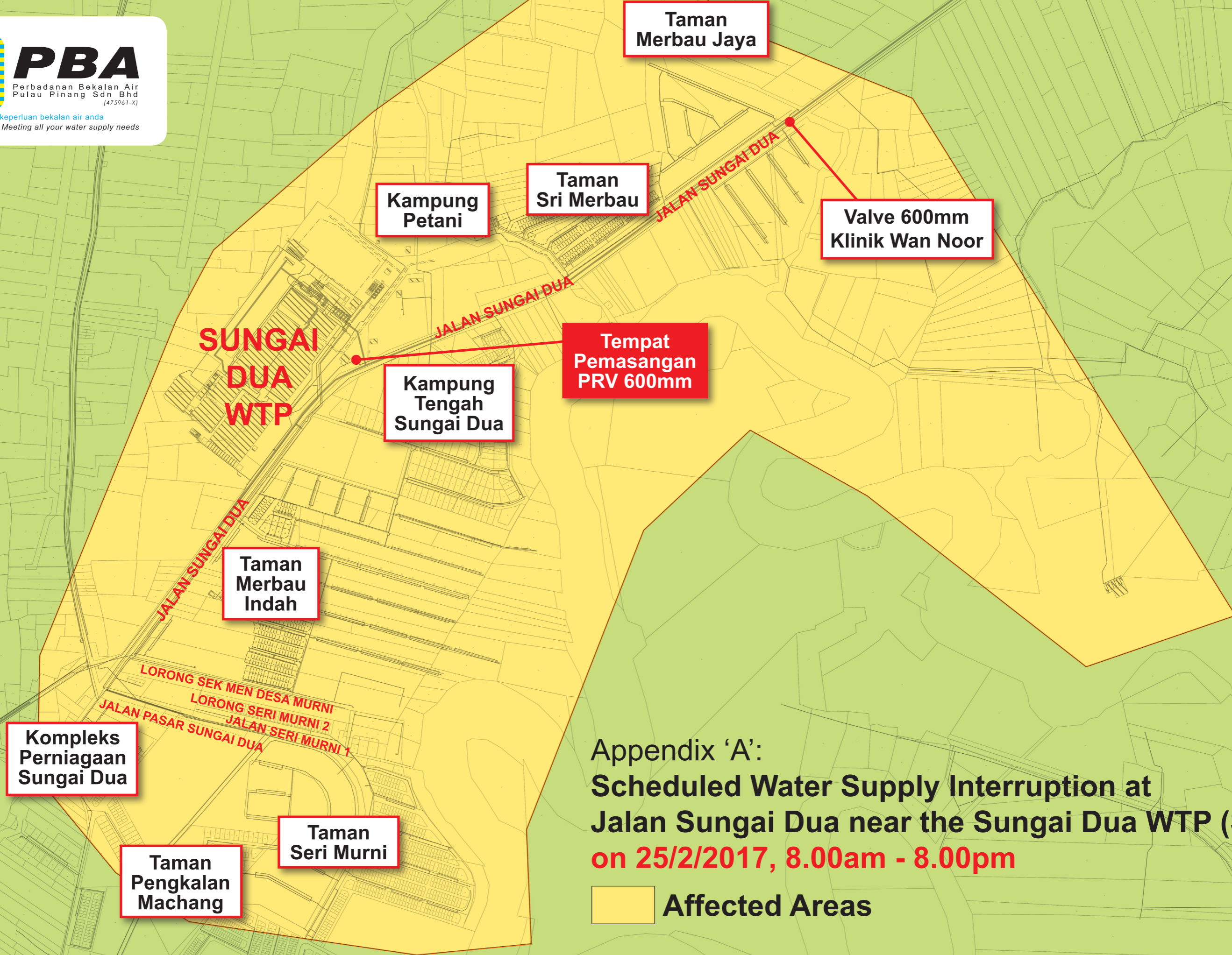
Please store sufficient water for use over 12 hours on Saturday, 25<sup>th</sup> February 2017.

Thank You.

*Dato' Ir. Jaseni Maidinsa,  
 Chief Executive Officer,  
 PBA Holdings Bhd (PBAHB) and  
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Taman Merbau Jaya

Taman Sri Merbau

Kampung Petani

Valve 600mm Klinik Wan Noor

Tempat Pemasangan PRV 600mm

Kampung Tengah Sungai Dua

SUNGAI DUA WTP

Taman Merbau Indah

Kompleks Perniagaan Sungai Dua

Taman Seri Murni

Taman Pengkalan Machang

Appendix 'A':  
Scheduled Water Supply Interruption at  
Jalan Sungai Dua near the Sungai Dua WTP (SPU),  
on 25/2/2017, 8.00am - 8.00pm

 Affected Areas