



REGULATING WATER QUALITY THROUGH THE WATER SERVICES INDUSTRY ACT 2006 (ACT 655)

WATER SERVICES INDUSTRY ACT (WSIA) 2006

INTRODUCTION

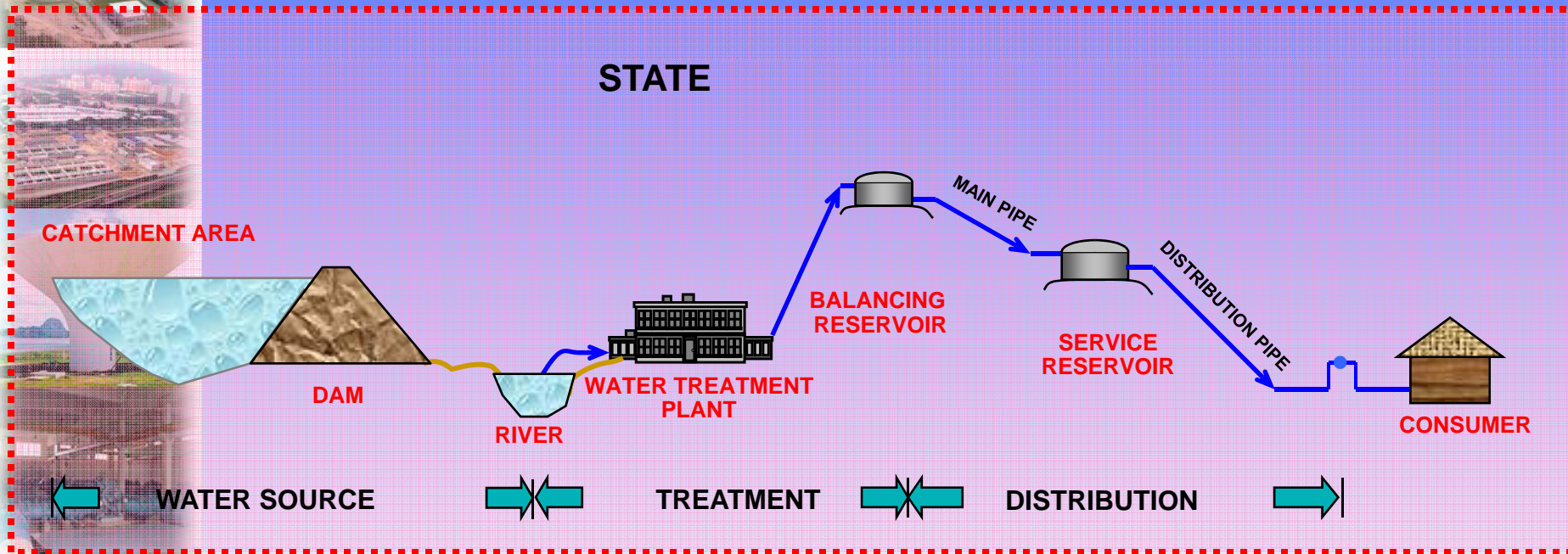
WSIA 2006 were introduced to implement the restructuring of the national water supply and services industry with the long term goal of improving efficiency in Peninsular Malaysia and Federal Territory of Labuan.

WSIA 2006 [Act 655] was effective on 1 January 2008

2

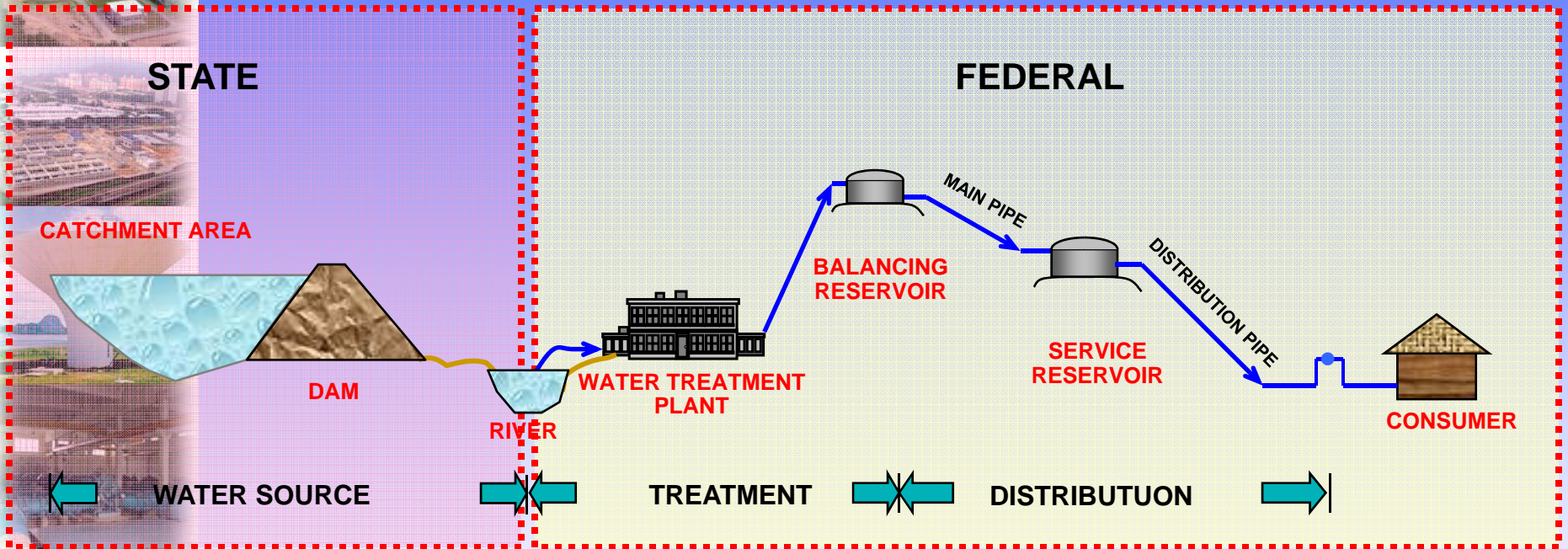


WATER SERVICES INDUSTRY ACT (WSIA) 2006



BEFORE
Amendment of the Federal Constitution

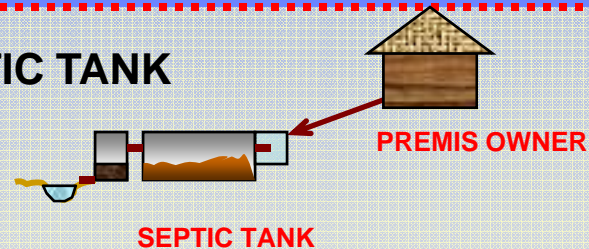
WATER SERVICES INDUSTRY ACT (WSIA) 2006



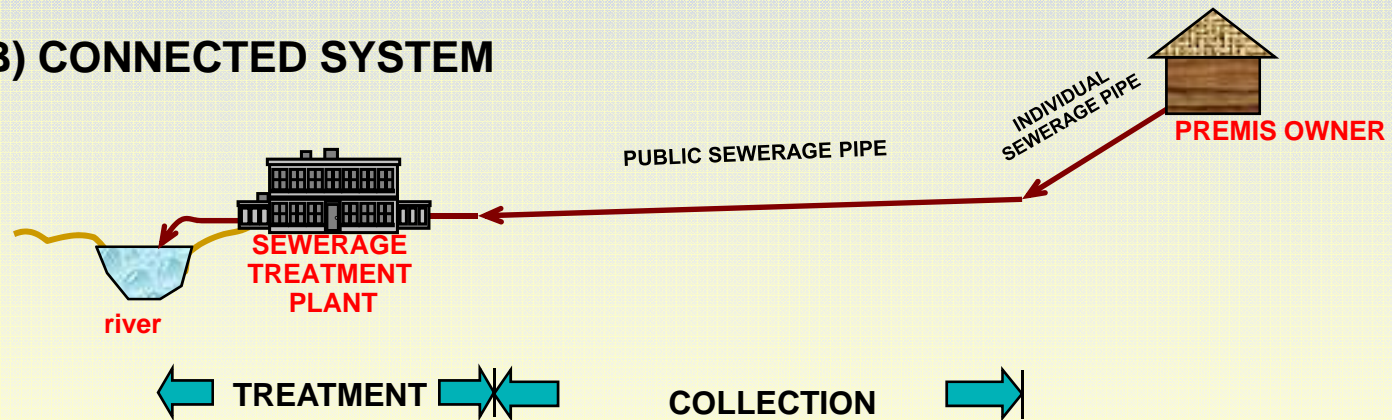
AFTER
Amendment of the Federal Constitution
(10 February 2005)

WATER SERVICES INDUSTRY ACT (WSIA) 2006

A) INDIVIDUAL SEPTIC TANK



B) CONNECTED SYSTEM



Sewerage Services – under the jurisdiction of Federal Government

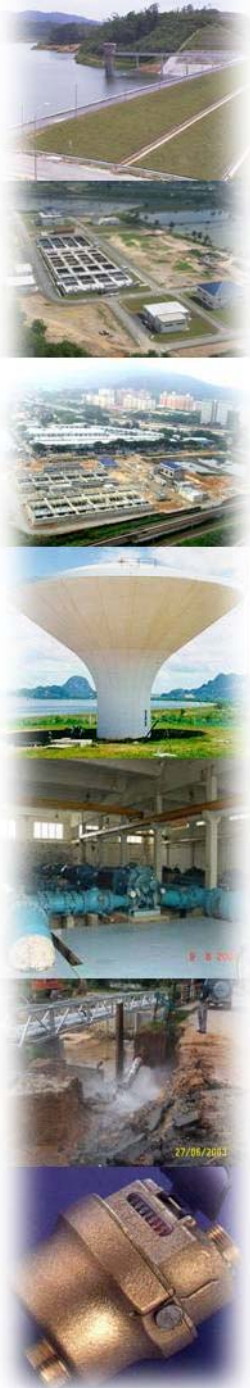
WATER SERVICES INDUSTRY ACT (WSIA) 2006



WATER SERVICES INDUSTRY ACT (WSIA) 2006

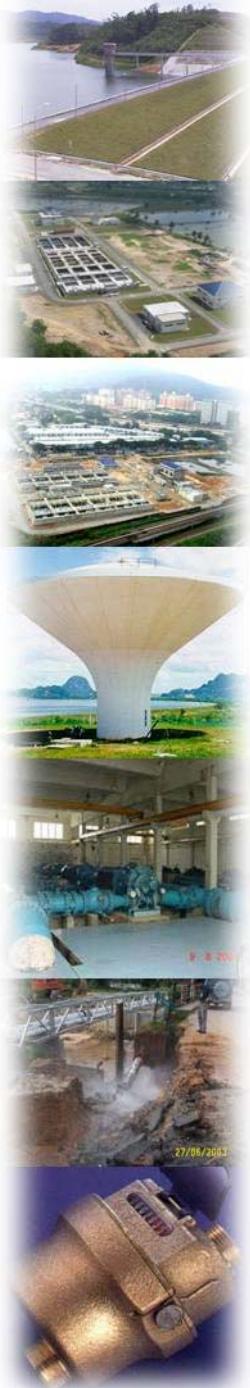
OBJECTIVE

- Promote policy objectives for water supply service and sewerage industry;
- Establish a licensing and regulatory framework;
- Establish the power and functions of NWSC; and
- Establish power and procedures for the administration of this Act.



WATER CLASSES AND USES

- 💧 Conservation of natural environment
 - ❖ Water Supply I – Practically no treatment
 - ❖ Fishery I – Very sensitive aquatic species
 - ❖ Water Supply II – Conventional treatment
 - ❖ Fishery II – Sensitive aquatic species
- 💧 Recreational use with body contact
 - ❖ Water Supply III – Extensive treatment
 - ❖ Fishery III – Common, of economic value and species, livestock drinking
- 💧 Irrigation
 - ❖ None of the above



CONTENT IN WATER QUALITY UNDER WSIA 2006

As per section 41, Chapter 2 WSIA 2006
[Act 655]:

- Distribution licensee should comply with the minimum quality standards as prescribe by the minister;
- No deterioration of minimum quality standards of water supply;

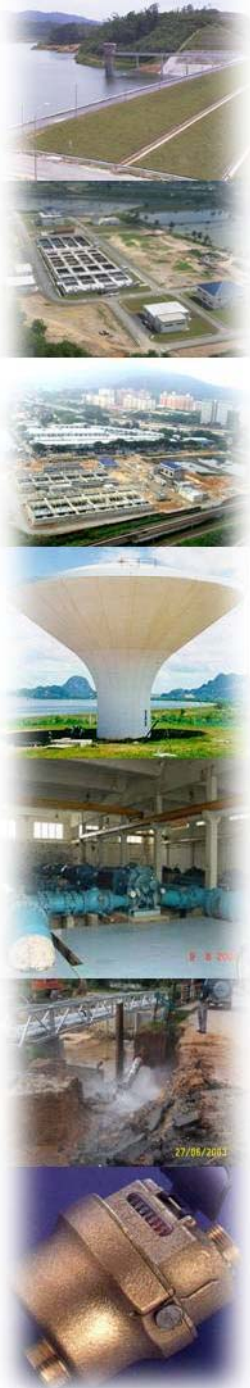
CONTENT IN WATER QUALITY UNDER WSIA 2006

As per section 41, Chapter 2 WSIA 2006
[Act 655]:

- The prescribed minimum water quality standards shall include both water producer and distributor;
- Non compliance towards the minimum quality standards, water distributor licensee are liable to a fine < RM300,000 or imprisonment < 3 years or both.

STRATEGIES TOWARDS QUALITY WATER MANAGEMENT

- Making comparison between licensed water operators and service providers:
 - ❖ to compete and identify the industry best practices;
 - ❖ To promote efficiency within water operators;



STRATEGIES TOWARDS QUALITY WATER MANAGEMENT

💧 Monitoring

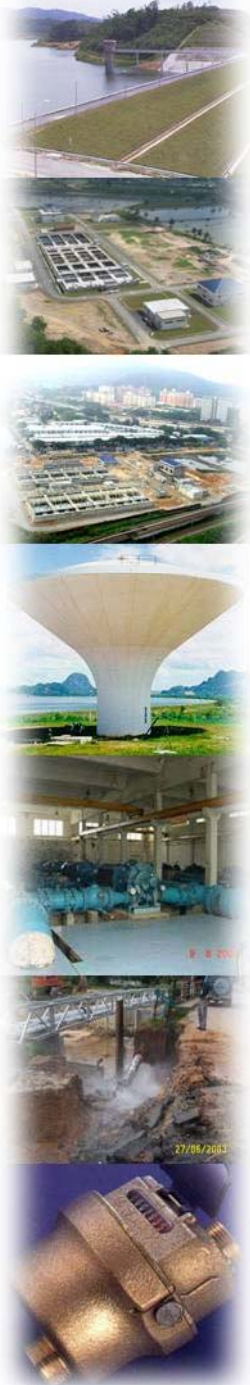
- ❖ Collecting base-line data to be submitted periodically; and
- ❖ Cross comparison between all licensee.



STRATEGIES TOWARDS QUALITY WATER MANAGEMENT

💧 Investment plans

- ❖ For the maintenance and improvement of existing water assets in order to have sustainable needs;
- ❖ Provide a 30 years Masterplan covering water resources (e.g. dams, groundwater) and investment projection of new assets.



STRATEGIES TOWARDS QUALITY WATER MANAGEMENT

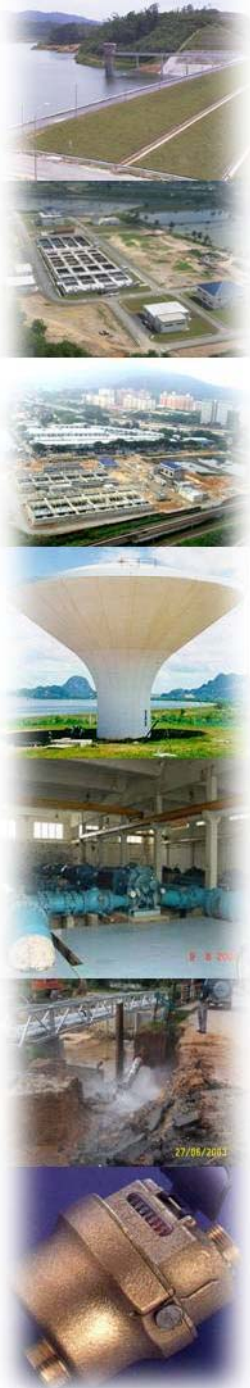
💧 Water Forum

- ❖ Making recommendations and feedbacks to water commission on matters concerning the interest of consumers of water and sewerage services;
- ❖ Representing the interest of the consumers of water supply services;



STRATEGIES TOWARDS QUALITY WATER MANAGEMENT

- ❖ Promoting consumers interest not limited to tariff but also standards of water supply and sewerage service;and
- ❖ Identify and keeping review in matters affecting the interest of the consumers and to ensure water supply services are aware and responsive.



IMPLEMENTATION TOWARDS QUALITY WATER MANAGEMENT

💧 KPI's

- ❖ Submission on the proposed self monitoring mechanism
- ❖ Having regular discussion on the implementation status
- ❖ Committee proposed and agree on monitoring system
- ❖ Propose reporting system of finding



AGENCIES INVOLVED

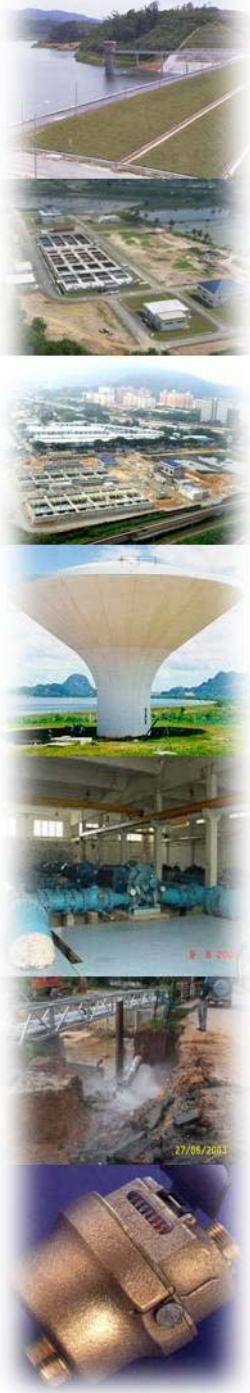
- 💧 Ministry of Finance
- 💧 Ministry of Health
- 💧 Ministry of Natural Resources and Environment (Department of Environment)
- 💧 Ministry of Housing and Local Government
- 💧 State Governments



CONCLUSION

- 💧 Benefit from the policies are as follows:
 - ❖ Improve efficiency and productivity to water operators (e.g. introducing new process treatment technology);
 - ❖ Improve service to consumers;
 - ❖ Improve public safety and health satisfaction; and
 - ❖ Eradicate the use of substandard system quality monitoring.





THANK YOU