

## **USED WATER MANAGEMENT**

**28 JUNE TO 5 JULY 2010**

Sponsored by the

**MINISTRY OF FOREIGN AFFAIRS, SINGAPORE**

under the

**SINGAPORE COOPERATION PROGRAMME  
TRAINING AWARD**

to be conducted by the

**PUBLIC UTILITIES BOARD,  
MINISTRY OF THE ENVIRONMENT AND WATER RESOURCES,  
SINGAPORE**

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### **Singapore Cooperation Programme**

Singapore has provided technical assistance to other developing countries since the 1960s. As a country whose only resource is its people, Singapore believes that human resource development is vital for economic and social progress. Singapore itself has benefited from training provided by other countries and international organisations. Through the Singapore Cooperation Programme (SCP), Singapore can contribute to the development of other developing countries.

In 1992, the SCP was established, bringing together under one framework the various technical assistance programmes offered by Singapore. Through the SCP, the range and number of training programmes have been increased to meet the needs of developing countries.

Since 1992, Singapore has sponsored training courses and study visits for over 67,000 officials from 169 countries. The SCP is managed by the Technical Cooperation Directorate of the Singapore Ministry of Foreign Affairs.

### **Public Utilities Board, Ministry of the Environment and Water Resources, Singapore**

The Public Utilities Board (PUB) is the national water agency in Singapore and a statutory board under the Ministry of the Environment and Water Resources. It manages Singapore's water supply, water catchment and sewerage in an integrated way. PUB is responsible for managing the whole water cycle, from sourcing, the drainage of stormwater to the collection, purification and supply of drinking water, to the treatment of used water, its reclamation into NEWater to water reuse.

PUB has ensured a diversified and sustainable supply of water for Singapore with a four-tap strategy, namely, local catchment water, imported water, NEWater and desalinated water.

### **Course Objective**

To enable participants to have a better understanding in the collection and treatment of used water. In addition, participants will take part

in the Singapore International Water Week\* – Business Forums, Water Convention and Water Expo.

## Synopsis and Methodology

The workshop will comprise classroom lectures, discussions, site visits and full participation in the Singapore International Water Week.

The topics to be covered are:

- Singapore's Experience in Integrated Water Resources Management
- Overview of Used Water Reticulation Network & Sewerage Catchment Planning, Sewerage Schemes and Sewer Design
- Sewerage Legislation & Code of Practice
- Sewer Maintenance - choke clearing, inspection techniques and cleaning of sewerage systems, and Grease Trap Management
- Sewer Rehabilitation
- Overview on Used Water Treatment
- Membrane Bioreactor-an improved way to recover water for reuse

\*For more information on Singapore International Water Week, please visit: [www.siww.com.sg](http://www.siww.com.sg)

## Duration

The course will be held from **28 June to 5 July 2010**.

## Application Information

Applicants should be:

- Senior policymakers, senior managers and senior engineers with at least 5 years of relevant experience in used water collection and treatment
- Nominated by their respective Governments
- Proficient in spoken and written English
- Below 50 years of age
- In good health

## Terms of Award

The course is sponsored by the Government of Singapore under the Singapore Cooperation Programme Training Award.

Under this programme arrangement, the Government of Singapore will bear the following expenses for the successful applicants, thereafter, known as participants during their training in Singapore.

These expenses include:

- A daily training allowance of Forty Singapore Dollars (S\$40) from first day to last day of the course to cover meals and daily expenses. [Complimentary breakfast is provided in the hotel from first day to one day after the course];
- Transportation to course venue and site visits;
- Medical insurance for participants to cover accident and hospitalisation during their stay in Singapore in accordance with the policy of a local insurance company; and
- Accommodation for the entire duration of the course.

### Note:

- (i) The recipient government will be responsible for their participants' round-trip airfares
- (ii) Participants are to bear their personal miscellaneous expenses that might be incurred prior to receiving the allowance
- (ii) Any expenses for out-patient medical/dental treatment will be borne by the participants themselves

## Regulations

Participants are required to comply with the following:

- (a) To strictly observe course schedules and not miss training sessions;
- (b) To not bring any member of their family for the duration of the course;
- (c) To carry out instructions and abide by conditions as may be stipulated by the

- nominating Government or the Government of Singapore with respect to the course;
- (d) To refrain from engaging in political activities, or any form of employment for profit or gain while in Singapore;
- (e) To discontinue the course, in the event they fall seriously ill and are considered unable to continue the training or have committed an improper act; and
- (f) To return to their respective home countries upon completion of the course.

## Application Procedure

(Closing Date for Nomination: **12 May 2010**)

The Government of Singapore is pleased to invite the respective National Focal Points for Technical Assistance to nominate **one (1)** suitable applicant.

In case there are more applicants than training places, the selection of applicants will be based on merit. Hence, the Government of Singapore seeks the understanding of the respective National Focal Points for Technical Assistance in the event their nominee is not selected.

All nominations are to be carried out by the respective Government Institutions, using the official application form. The application forms are to be submitted and should reach the **Ministry of Foreign Affairs, Singapore** through the National Focal Point and the Singapore Embassy in the nominating country not later than **12 May 2010**).

Please address the forms to:

**The Director**  
**Technical Cooperation Directorate**  
**Ministry of Foreign Affairs, Singapore**  
**Tanglin**  
**Singapore 248163**

**Attn: Ms Pamela Soon Ee Ning**

**Tel: (65) 6379 8463**

**Fax: (65) 6479 3357**

**E-mail: Pamela\_Soon@mfa.gov.sg**

- To expedite the process, a copy of the completed application forms can be faxed to the **Ministry of Foreign Affairs, Singapore** at Fax **(65) 6479 3357**. The original application forms can be mailed through diplomatic or normal channels.
- All application forms should be completed in full and must bear the endorsement of the respective National Focal Point responsible for technical assistance.
- Incomplete application forms or forms which are not endorsed will not be accepted.
- Only successful applicants will be notified.

- Applicants should refrain from making telephone, fax and email inquiries on the status of their applications.
- The **Ministry of Foreign Affairs, Singapore** will inform all applicants of the outcome of their applications. Their National Focal Point will also be informed directly or through our diplomatic representations in the nominating country.
- Flight arrangements are only to be made upon receipt of the Letter of Acceptance to the course.

## Information on Singapore

For more information about Singapore, you may wish to visit the Singapore Tourism Board website at **[www.visitsingapore.com](http://www.visitsingapore.com)**

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