

Programme Title	Membrane Bioreactor for Water Reclamation – The Engineering Aspects and Plant Optimization
Date	20 – 21 August 2008 (2 Days)
Time	9am – 5pm
Fee	SGD650 Nett (GST is not applicable)
Venue	WaterHub 80 Toh Guan Road East Singapore 608575
Remarks	This course is accredited under the Professional Engineering Board CPD Programme – 14 PDUs

Introduction:

Taking the advantage of the synergy between activated sludge process and membrane separation technique, the membrane bioreactor (MBR) technology has been proven to be a feasible and efficient method of producing reclaimed water. The technology offers several advantages to conventional wastewater treatment including reduced footprint, consistent and superior effluent water quality and ease of operation.

Topic covered

- Conventional biological treatment processes
- Membrane for solid-liquid separation
- Water reclamation parameters
- MBR system design
 - configurations of MBRs
 - commercial MBR processes
 - primary factors
 - flux management
 - MBR installation
 - Software
 - Key MBR features
- MBR system optimization
 - Energy consideration
 - Process optimization
 - Cost evaluation
- MBR new developments and future trends
- MBR pilot study
- Ulu Pandan MBR demo plant

REGISTRATION FORM

Please fax to 65-65150813 or Email to : cecilia@swa.org.sg

Participant Details

Name:	<input type="text"/>	Designation:	<input type="text"/>
Company:	<input type="text"/>		
Address:	<input type="text"/>		
Country:	<input type="text"/>	Postal Code:	<input type="text"/>
E-Mail :	<input type="text"/>	Mobile:	<input type="text"/>
Tel:	<input type="text"/>	Fax:	<input type="text"/>

Method of Payment:

All cheques should be made payable to **Singapore Water Association** and mail to WaterHub 80 Toh Guan Road East Singapore 608575

- Upon receipt of your registration form, SWA will issue a letter of confirmation. Cancellation or withdrawal will not be allowed upon confirmation from SWA.
- SWA reserves the rights to amend, postpone or cancel the event due to unforeseen circumstances.