



## HALF DAY TECHNICAL TALK

### “Wastewater Technology: Bi-Act Super Dissolve Oxygen (SDO)”

25 July 2018 9:00 am – 12:00 pm

MWA Meeting Room, Ground Floor

**BEM CPD  
HOURS APPLIED**

#### Introduction

#### Bi-Act Super Dissolve Oxygen

is a simplified, modernized aerators technology for adding Oxygen into the wastewater. This technology integrates two biological wastewater treatment theories; the Fixed Film Process and the Activated Sludge Process in the aeration tank. The bacteria colony in suspended growth and attached growth in the aeration tank acts simultaneously in treating wastewater to improve efficiency. Hence, this green technology offers small area footprint, low energy consumption, low sludge production and low capital and operational cost as compared to existing available wastewater technologies in the market.

The talk will also include sharing of our success story at Austin Heights. Austin Heights is a housing development area in Johor Bahru and has been using oxidation pond to treat its wastewater primarily. To cater for the sewage generated from the proposed development and the existing flow of sewage, a mechanical enclosed sewage treatment plant has been proposed at Austin Heights. By using Bi-Act SDO system, the client has, not only managed to improve its wastewater operation efficiency but also successfully accomplished more than 50% land saving.

#### Curriculum Vitae of Expert

##### 1- Mr Wan Mohd Norazam bin Wan Mohamed Noor

Mr Wan Mohd Norazam is presently the Business Development Manager of Wastewater in Alam Sekitar Malaysia Sdn Bhd and has been in the industry since 1996. He graduated from Universiti Teknologi Malaysia in Chemical Engineering. He has been involved in numerous wastewater projects all around Malaysia.

##### 2- Ms Noraidah Ab Hamid

Ms Noraidah Ab Hamid is presently the Head of Department responsible in wastewater project execution and implementation. She graduated with Bachelor of Mathematics from University of Nebraska. She has been with Alam Sekitar Malaysia Sdn Bhd for thirteen (13) years.

#### Tentative Programme

9:00AM	Registration & Welcome Coffee
9:30AM	Opening Remarks by MWA
9:45AM	Topic 1: Introduction to Bi Act SDO – Wastewater Technology
10:30AM	Tea Break (Light refreshment)
10:45AM	Topic 2: A Walk Through Austin Heights
11:30AM	Q&A Sessions
12:00PM	End

#### WHO SHOULD ATTEND

**policy makers and planners, engineering consultants, water resource professionals, water and wastewater managers and operators, regulators, fund managers, contractors, equipment suppliers, academician and graduate students.**

**REGISTRATION FORM**  
**(Please register with full payments by 23 July 2018)**

To register / for enquiries:

Tel: 03 6201 2250 / 9521 Fax: 03 6201 5801

E-mail: [johari@mwa.org.my](mailto:johari@mwa.org.my) / [aliff@mwa.org.my](mailto:aliff@mwa.org.my) (Registration)  
[caroline@mwa.org.my](mailto:caroline@mwa.org.my) / [emi@mwa.org.my](mailto:emi@mwa.org.my) (Billing/ Account)

To:  
The Malaysian Water Association  
No. 24, Second Floor  
Jalan Sri Hartamas 8  
Taman Sri Hartamas  
50480 KUALA LUMPUR

**REGISTRATION FEES:**  
MWA Member: RM30/head  
Non-member: RM40/head  
E-mail: [johari@mwa.org.my](mailto:johari@mwa.org.my)  
[aliff@mwa.org.my](mailto:aliff@mwa.org.my)

**THE MALAYSIAN WATER ASSOCIATION**  
**HALF DAY TECHNICAL TALK**  
**“Wastewater Technology: Bi-Act Super Dissolve Oxygen (SDO)”**  
**25 July 2018 (Wednesday)**  
**9:00 am – 12:00 pm**  
**MWA Meeting Room, Ground Floor**

**A. PARTICIPANT DETAILS**

1. Name : \_\_\_\_\_  
Designation : \_\_\_\_\_  
E-mail : \_\_\_\_\_
2. Name : \_\_\_\_\_  
Designation : \_\_\_\_\_  
E-mail : \_\_\_\_\_

Organisation & Address: \_\_\_\_\_  
\_\_\_\_\_

Tel & Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Membership No. \_\_\_\_\_

**B. PAYMENT DETAILS**

Enclose herewith my/our full payment of RM \_\_\_\_\_ issued to  
**THE MALAYSIAN WATER ASSOCIATION Account No: 277 0001 3651 (Hong Leong Berhad)**

**Terms & Conditions**

- Registration will only be confirmed upon receipt of full payments.
- No cancellation and refund are allowed, Substitution of participant(s) is allowed with no additional charges, provided that MWA must be notified in writing of the substitution.

**Disclaimer**

- MWA reserves the right to change the venue, facilitator, and reschedule or cancel the course whenever deemed necessary. We shall inform the participant(s) in any changes arise. MWA also reserves the right to make alternative arrangements without prior notice should it be necessary to do so. Upon signing the registration form, you are deemed to have read and accepted the terms and conditions.

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Authorised Signature

Date & Org. Stamp